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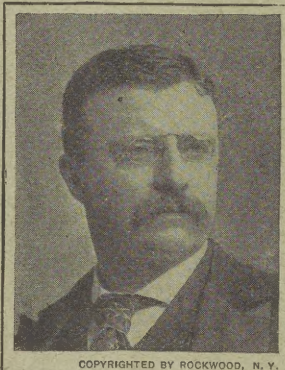
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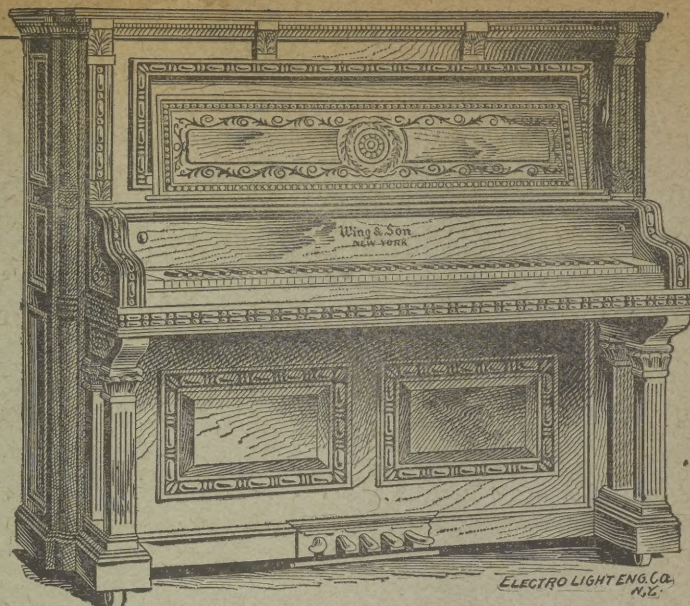
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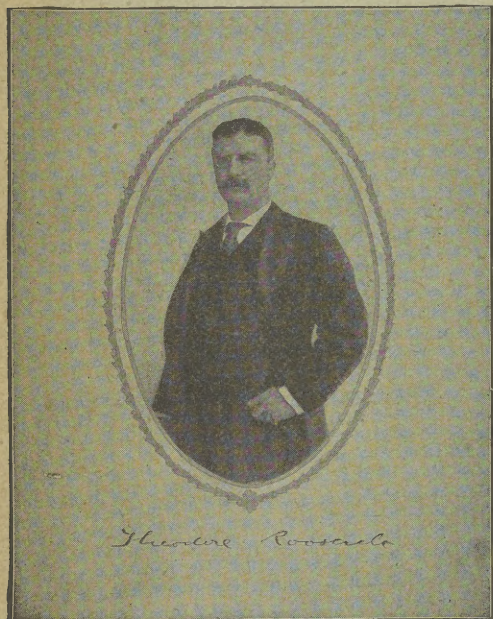
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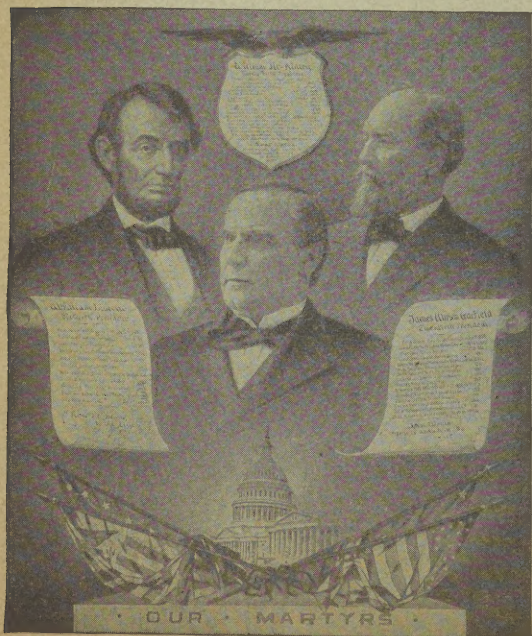
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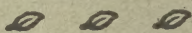
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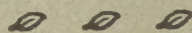
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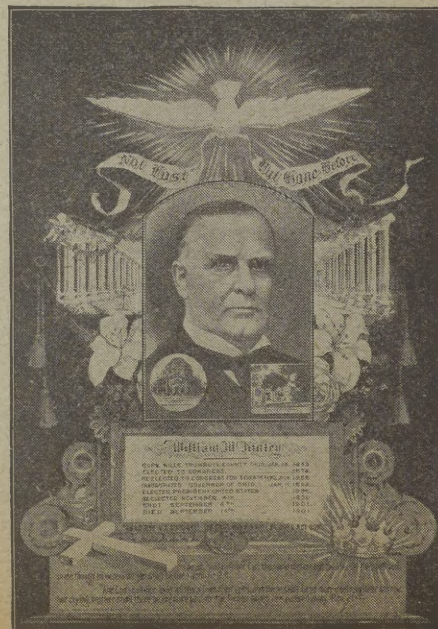


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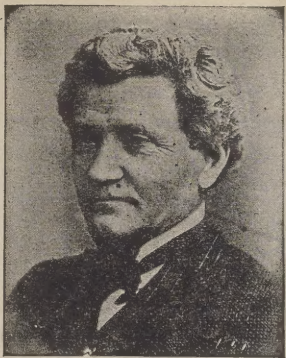


THE GUARDIAN ANGEL



MCKINLEY MEMORIAL





JAMES VICK  
Founder and First Editor

# VICK'S FAMILY MAGAZINE

VOL. XXVI.

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NO. 8

## PERENNIAL PHLOXES.

The Perennial Phloxes have always been favorites. Nearly all old-time gardens had clumps of white or of purple ones, which, with slight variation, were almost all the colors known some twenty years ago. Perhaps in no other flower has so great improvement been made in color, size of blossoms and of truss as in the Perennial Phloxes. The normal tint of the flower is purple, but the range of color is now greater than in any other hardy plant, comprising crimson, rose, scarlet, pink, violet, purple and pure white. Every degree of shade and tint is shown; some varieties have eyes of contrasting color, and others show stripes and markings of various kinds. The word phlox signifies flame, and many of the new varieties are exceedingly brilliant and rich in tone, making the name seem much more appropriate than when the family was almost entirely represented by white and purple. The scarlets are particularly brilliant, almost dazzling, and the rose-colored are truly lovely. They would be a surprise and a revelation to anyone who has only been acquainted with the old-fashioned kinds.

It is no exaggeration to say that the Perennial Phloxes are among the best and most popular of garden plants. For producing a grand show of color they have no equal; they are simply magnificent for massing; they produce a fine effect when grouped with other plants in the hardy border, furnishing brightness after the shrubs have done blooming, and they do much to make the garden gay throughout the season.

The old-fashioned Phloxes often had simply small tufts of bloom at the top of a tall, almost naked stem. The newer and improved varieties are more compact, do not grow quite so tall—some are quite dwarf in habit—and the stems are covered with dark green foliage. The panicles of bloom are simply immense, often measuring twelve or more inches in length and eight to ten inches in diameter, a single stem producing hundreds of flowers. The blossoms of the improved varieties are almost as large as Geraniums; the individual flowers often measure an inch and a half in diameter and are of good substance.

Another good quality of the Perennial Phlox is its long continuance in bloom. It begins to blossom in early summer and continues until late in the fall, sometimes showing a mass of bloom for three months. By pinching back the flowering shoots in June, the season of blooming can be prolonged, as other flower stems will develop and blossom later. Do not be too hasty in cutting off the old stalks of bloom; often buds which seem to have remained dormant will start into growth after the first flowers have withered, and cover the head with a second crop of blossoms.

The Perennial Phloxes thrive in any ordinarily rich soil, and do not seem to be subject to any insect-pest. When they are in bloom they should be given a plentiful supply of water, and, like the Chrysanthemum, they will flourish better if given a supply of liquid manure. Grass and weeds should be kept away from the roots. They like the sunshine, and a full exposure is desirable for them.

The perfect hardiness of the Phlox is another strong feature in its favor. I have never known of its being winter-killed in any section of the country. Like all perennials, a mulching of good stable manure after the ground is frozen is bene-

The division of roots should be made in October, so that the plants may become well-rooted before winter sets in.

Propagation is effected by seeds and rooting young shoots in the early spring, but a careful division of the old roots is usually the most desirable way for amateurs. The seeds will not germinate unless sown as soon as ripe, and the varieties do not reproduce themselves true from seed. The new plants produced from division of the roots should be given rich soil and particularly good care the first year.

The Perennial Phloxes are especially good for cutting. They mass well for extensive decorative effects, and if the main head or panicle seems too large or heavy for vases, the small side shoots work in very prettily; in fact, I find the latter and the small panicles most desirable for bouquets.

One point which is scarcely noted in the descriptions of the Perennial Phlox is their fragrance, and yet, they are very sweet. Pass through any garden where there is a collection of them and their odor will instantly attract your attention. Almost involuntarily you will exclaim: "Oh! how sweet." Particularly is this the case at evening, and at least one poet has noted it and speaks of—

"Clumps of sunny Phlox  
That shine at dusk and grow more deeply  
sweet."

The varieties of Perennial Phlox have become exceedingly numerous, and many of them are so nearly alike that no one but an expert could possibly distinguish between them; consequently an amateur finds it a difficult matter to make a selection from the descriptions given in the catalogues. New varieties are constantly being originated, mostly in France; these are brought to this country, tested for a year or two, and then those which are considered desirable are listed by dealers. Most reliable nurserymen and florists find it necessary to limit their lists to those varieties which they think most desirable for general culture, and though no two would be likely to name all the same sorts, those which they recommend will most surely have merit and so prove satisfactory, even if the would-be buyer selects somewhat at random, or only

with reference to color. The price is so low that they are practically within the reach of all flower-lovers, and every garden should be well supplied with them, for there are few plants which will make such a fine display of brilliant blossoms every season, year after year, with as little care as the beautiful, free-blooming Perennial Phloxes.

By request, Mr. John Charlton, nurseryman, of Rochester, who makes a specialty of Perennial Phloxes, has made the following list of desirable

(Continued on page fifteen.)



PERENNIAL PHLOX

ficial to it; this can be carefully dug in around the plants in the spring.

The plants increase in size every year, and a well-grown clump will send up a large number of stalks until you have a solid mass of color. Plants set in good soil in the spring, with proper care will bloom the first year, but they will not do themselves justice until the second or third year. After the fourth year it is advisable to divide the clumps, for the plants lose vigor and the blossoms and the panicles decrease in size.



## WINTER-FLOWERING OXALIS.

(Written for Vick's Family Magazine.)

Among the numerous bulbs grown in greenhouse, conservatory, or living-room window for winter blossoms, none is more bright and cheery, easier to manage or more absolutely certain to bloom profusely and continually than the winter-flowering Oxalis. Everybody should grow at least one or two varieties of them, for they flourish perfectly in the temperature of the living room of the average dwelling, require very little care and brighten up the window for months in succession, often when no other flower is to be seen.

Oxalis are particularly valuable for growing in hanging-pots or baskets and vases, which show off their flowers and habits of growth to the best advantage. The most of them will also flourish and flower freely in a north window, where so few plants succeed. They are among the earliest of the fall bulbs ready to send out and may be had from most florists as early as the first of August. Procured any time during the month and potted at once, they will be ready for flowering during November and December, that dreary season when flowers are so scarce and consequently doubly welcome. Any good potting soil suits them, and a six-inch pot will accommodate from three to six bulbs, according to the variety. As they commence growth immediately after planting, they need not be set away in the dark to form roots, as is necessary with Hyacinths, etc.; and they will begin flowering very soon after the first leaves appear, continuing to bloom profusely nearly or quite all winter. When they cease flowering and the foliage begins to ripen up, gradually withhold water, and after the leaves all die away, set the pots in a closet or some other place where the soil will keep perfectly dry until time to start them into growth again, then repot in fresh soil.

Bowiei is an elegant species from the Cape of Good Hope, and by many is considered the finest of all the bulbous Oxalis. It produces very large and robust foliage, thick and waxy, and would be quite ornamental even if it never bloomed; but it produces a great profusion of large and most brilliant rose-colored flowers which are yellowish at the base inside. Plants of this species grow so large that three bulbs are quite sufficient for a six-inch pot. It produces an especially fine effect when grown in a hanging-pot or basket.



OXALIS BUTTERCUP.

Lutea, also from the Cape, is one of the most desirable winter-blooming Oxalis known and the number of flowers it will produce during one winter is almost incredible. It throws up an abundance of healthy, vigorous foliage and a profusion of large terminal clusters of golden yellow flowers on long slender scapes. If given a sunny position it will bloom continuously for months, and the large clusters of bright yellow flowers light up a window wonderfully. The so-called Bermuda Buttercup Oxalis is simply a Bermuda-grown Lutea. In those islands this Oxalis does particularly well, the bulbs attaining an extra

size and consequently producing a larger plant, foliage and flowers. There is also a double-flowered form of Lutea with flowers as double as miniature roses. Two or three bulbs of Lutea, or any of its forms, are sufficient for a six-inch pot.

Versicolor is a very pretty species and distinct in growth and flowers. The latter, which expand only in sunlight—as is the case with nearly all Oxalis—are pure white inside and white and rose or crimson outside, so the unexpanded buds are striped spirally with white and crimson.

Grand Duchess is the popular name given to a species of Oxalis native to the Pacific coast of the United States and introduced into cultivation quite recently. Its large and handsome leaves are clover-shaped, borne on short stems and spread out flat, forming a carpet which conceals the soil in the pot completely. The blossoms are very large, often quite three inches across, borne well above the foliage, and produced constantly for several months. There are two varieties, one producing bright rosy-pink and the other pure snow-white flowers.

Winter-flowering Oxalis are immensely popular with all flower cultivators who are acquainted with their merits, and it is very doubtful if there is any other class of bulbs costing so small an amount of money that will produce such a profusion of brilliant and beautiful flowers during the winter months. The bulbs are so cheap, either singly or in quantities, as to place a good variety within the reach of everybody. *Nancy Lee.*

## SMALL POTS FOR PLANTS.

(Written for Vick's Family Magazine.)

It was for several years a wonderment to me how a certain lady always had such a fine display of blooming plants in winter. True, she gave up the best windows in her house to her plants, but, while they had plenty of light, they had but little sunshine. Only for a short time in the morning the rays struck diagonally across the plant stands. One spring I happened to call on her when she was taking her plants out of the windows, and I was utterly amazed at the small size of the pots. Large geraniums, full of bloom, were growing in four-inch pots, or smaller. It was a revelation to me. On inquiring of a florist, I was told that the reason the plants bloomed so freely was because they were "pot-bound." I shall profit by that knowledge in the future.

Another lover of flowers, whose means are not ample enough to justify her in any extravagant outlay in the purchase of pots, always puts her geraniums in tin cans, rather small ones, at that. The plants are covered with blossoms all winter, and are a source of great pride and pleasure to the owner. *F. B.*

## THE HYACINTH.

(Written for Vick's Family Magazine.)

Fresh importations of Holland bulbs produce the first season Hyacinth blooms that are simply faultless. Many amateurs expect the same superb floescence the second spring, and are disappointed to find that the bulbs have degenerated. This is a thing in connection with the purchase and cultivation of the Hyacinth that ought to be better understood. It would encourage buying and cultivating this peerless flower, and save disappointment. Experts say the Hyacinth bulbs are sent from Holland when at their maximum. They are ripe and ready to flower with all their concentrated strength. Suitable treatment is all that is called for. The flower enfolded in the bulb is injured. Not one fine bulb out of forty will fail to give entire satisfaction. The experts say further, that when this fully matured bulb flowers, it begins to make off-shoots, or bulblets. The

main strength of the bulb has gone to flower, and what is left, is expended in propagating the new bulbs surrounding it; consequently, the second



year's blooms will not be as perfect as the first.

Now, let us reason about the matter. We can buy the best bulbs each fall and after the first superb flowers have been enjoyed, content ourselves with waiting a year or two for the new bulbs to mature. This they will be sure to do, and will be much more numerous than the first planting, because every bulb will have produced several new ones. Then, make it a rule every fall to get a fresh supply of Holland bulbs. They will bloom royally while the new formation is getting to blooming proportions. In this way, we can have the best, the second-best, and the assured promise of others yet to come. The new bulbs will make the best blooms; last year's will make second-best, and the young bulbs promise much for the future in the way of more numerous flowers, and in many cases just as fine as they were in the first instance. The Hyacinths come so early, are so sweet and so beautiful that we feel disposed to remove any objections there may be to their culture.

Beginning with the Roman Hyacinth, which should be bedded early in the fall (September and October), continue until late in November to bed out the large single and double flowered sorts, and for indoor blooming "continue and weary not" in potting bulbs from September till December. This successive potting, with intervals of a week or two between times, keeps up the bloom-time from Christmas till spring flowers come again. When ordering Hyacinths, be sure and inform your florist if they are intended for indoor blooming or for bedding out. One thing to bear in mind "always and ever," is to keep potted bulbs darkened for four or six weeks, before bringing them forward to the light. This gives the roots time to form. Exposing the bulbs to light and heat causes them to make undue development above soil, when there are not working forces below, in well formed roots. When pots are set away in darkened places, they must not be left to dry out. Moisture and good drainage are quite essential to development. Pots with saucers are the best for neatness, and also for preserving the moisture.

*Mrs. G. T. Drennan.*



## ARRANGEMENT OF PLANTS IN THE WINDOW GARDEN.

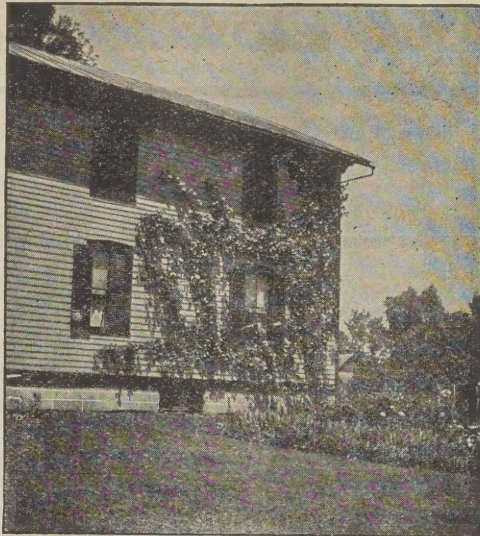
(Written for Vick's Family Magazine.)

Those who started cuttings in early summer for winter flowers, if they gave them proper treatment, should have by this time a collection of sturdy young plants, and, if any of the number live in the Northern states, they should be taking them in and arranging for the winter window garden. Plants designed for winter blooming should not be left out later than the middle of September. To leave them out until frosts and freezing weather would be exceedingly detrimental to the plants. They should have opportunity to become accustomed to in-door-life before fires are lighted, and while it is yet warm enough to have open doors and windows, that they may not be subjected suddenly to too great a change. Plants brought directly from the cold, out-door air into close, artificially heated rooms, receive a check from which they will never fully recover; their leaves drop, and they will never regain their former beauty, therefore, the importance of taking in plants intended for winter blooming early, before fires are lighted, is obvious.

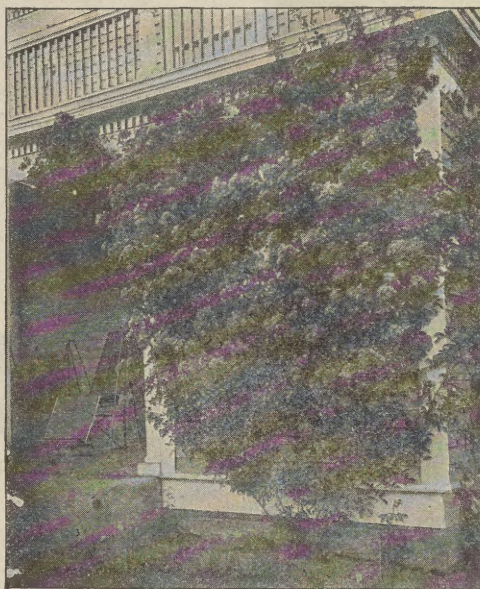
Before taking in the plants, shelves, brackets, tables, etc., should be ready to receive them. We will suppose you took cuttings of such plants as were adapted to your windows, so now they should be arranged accordingly. Usually a room has windows facing two ways, either north and east windows, or north and west, or else south and east or south and west. A room containing only south windows will grow all sorts well, for by exercising a little ingenuity south windows can be made to do for even the sorts which require little sunshine. The partial shade which they require can be given by placing them at the sides of the window, back from the glass behind taller growing sorts. But rooms having no south windows cannot be made to accommodate the needs of the sun-loving sort, no matter how inventive the brain of their owner; and we need expect no blooms from them in an east window (which is next best to a south window for them) before the last of February or March, and but few then, while west and north windows would not produce flowers at all from such plants. But, no windows need be empty for there are many plants adapted to all windows, and even north ones may be filled with those which will bloom.

In arranging your plants in the windows, something besides effect must be considered; for, often times, when a plant will show its beauty to the best advantage the situation will not be such as will best serve to retain its beauty. See that even such plants as object to sunshine have a strong light, for no plants will flourish without it; so do not keep them too far from the glass, and have the window shades rolled high. Such plants as require the highest temperature, should be placed on the highest shelves. The temperature is much higher at the top of the windows than at the bottom. Care and watchfulness will show where each specimen will grow the best.

In filling your windows, no doubt you will find that no amount of crowding will make room for all of your young plants; and right here is a source of failure with many. They are tempted by their desire for many species and colors to crowd their plants. I have seen more than a dozen plants crowded into a little window scarcely large enough to afford the necessary light and space for three well grown specimens. And what was the result of such crowding? An unpleasing collection of flowers, long-drawn, leggy specimens, with but a tuft of leaves at the ends, which gave their owner much dissatisfaction and no pleasure. How much better to deny this desire for a large



ROSE. QUEEN OF THE PRAIRIE.



CRIMSON RAMBLER ROSE.



CLEMATIS JACKMANNI.

collection which give no pleasure, if the necessary window space cannot be given, and thus be able to derive real enjoyment from a few shapely plants covered with healthy foliage and blooms.

Not only should space be considered when determining how large a collection to keep, but also the amount of care you can give them. One plant well cared for is far more satisfactory than a windowful of neglected scrubs. If you cannot give your plants fairly good care don't keep them.

Maine.

Hattie L. Dudley Knight.

## DESIRABLE CLIMBERS.

(Written for Vick's Family Magazine.)

While hardy climbers are not as numerous as other hardy flowers, they are perhaps more lovable. After they once get established, which they usually will in a year if given rich soil and somewhat suitable situation, they will continue improving each year with but little care. Of course there are new climbers each year especially among the roses, but will they ever secure much better than the Ramblers for rambling purposes? The Prairie Queen is a dear old rose. As pretty a sight as I ever saw in the way of climbing hardy flowers, has been these old Queens after being planted a few years. They are literally covered with double roses, and such a growth as they make; by judicious pruning they could be made into any fantastic shape, and are beautiful if left to wander.

Another lovely thing is the purple clematis Jackmanni; when in bloom the vine is a mass of royal color, beautiful indeed.

The cinnamon vine is another good, hardy climber. Perhaps an objection to it would be on account of its inquisitive qualities; it is said to spread itself as much as the trumpet vine. Neither must we pass the native vines by; what is there that will clothe our outside walls, trees, fences or posts with so much lovely green, this to be changed to gorgeous colors after Jack Frost has set it blushing from his too ardent kisses, than the common five-leaved ivy, or woodbine? Some object to this vine on account of its close resemblance to the three-leaved poison ivy, but the five-leaved is as harmless as a morning glory.

"Yes, the hardy vines are all right for those who own their homes, but we rent." Very well—have vines, more vines; grow annuals. For a quick growth, dense shade and beautiful blossoms nothing can excel the common morning glory if given rich soil and half a chance. The airy grace and beauty of the blossoms can scarcely be equalled when one has a nice screen of mixed varieties. To have these beauties at their best, and to have them early, plant the seed in the late fall in well prepared soil; after a freeze mulch them, then by June your vines will be six feet or more. To have beauty unexcelled, have mixed morning glories by the side of a poultry netting; you will surely have to pause and wonder why so much delicate beauty forms to last so short a while.

Do you have the filmy Cypress? If you haven't, don't neglect to procure some seed another spring. These seeds are slow to germinate (soaking in water will hasten sprouting) but after once starting they grow very rapidly. The lovely fern-like foliage of the Cypress vine is beauty enough, it would seem, but when starred with its bright blossoms it is a beautiful sight. The vines are easily trained in any desired shape.

Then the Madeira; nothing is easier to grow than these pretty vines and the tubers are easily wintered. Flowering beans, balloon vine, Thunbergia are all worthy of time and care, and a little of both is all they ask—so there's no excuse for being without vines.

Emma Clearwaters.

Other floral articles will be found on page seven.





## Talks About Flowers

By  
BENJAMIN B. KEECH



### TULIPS, CROCUSES AND OTHERS.

If the conditions in the living rooms make it impossible to grow bulbs in doors, you can undoubtedly grow them out of doors, if you have any yard at all. Tulips, narcissi, etc., will grow in almost any soil that is well drained, and in almost any location. Nothing adds more to the looks of a place than a few well cultivated bulbs, either in beds or otherwise. It is a pleasure to walk along the street in early April and note that the enterprising crocuses and snowdrops in the different yards are proclaiming in flowery language that spring is born. It is a pleasure to have these same bulbs, as well as others, in our own yards, and if one can buy them by the hundred, do so; if not, procure at least three dozen of each.

Crocuses do not last so long as they might, but this is the only thing against them. While they do last they are indeed beautiful, and coming as they do, before most plants have begun their season's work, they are doubly appreciated. If you have a nice, well kept lawn, make it even more attractive by adorning it with crocuses. The bright yellow, purple and white blossoms, and the vivid green grass will both spring up at about the same time, and add greatly to the charms of each other. If you have a large number of bulbs to plant in this way, do not scatter them at great distances apart, but mass them, in clumps of from three to twelve bulbs each; the effect will be much better than otherwise.

Tulips come adorned in colors that for brilliancy and depth would be difficult to equal in any other flower. Fiery scarlets, rich crimsons, blazing yellows, pure whites and soft pinks hob nob together and form a picture that once seen is rarely forgotten. If you can plant but one class of bulbs, let it be the tulip. The early single ones will begin to flower late in April, closely followed by the Parrots, the double kinds and the late show varieties. By-bloom and Bizarre tulips blossom in May and many of these will be in flower for Memorial Day. Those who are acquainted with none but the single early and double varieties, should also make the acquaintance of the late flowering kinds—chocolate brown, brown yellow, burnt sienna and purple brown are some of the colors one will find in combination among these gorgeous tulips; and the blossoms are as large as could be desired. These tulips last longer than most varieties, and deserve to be cultivated by every one interested in fine, striking flowers.

Double tulips are quite pleasing, and a few dozen should be ordered, either in mixed or named lots. Be sure to include an order for the double yellow variety, which is particularly fine. If you have grown tired of beds of mixed tulips, try a new plan this fall. Construct a circular bed, plant the center of it to yellow ones, the next circular mass to red ones and the outside rows to white ones, or vice versa. A little figuring will tell you how many bulbs to order. Of course, the variety occupying the outside of the plot will have to be procured in larger quantities. Beds shaped like stars, crescents and triangles may also be planted to tulips as well as other other bulbs. The work is not especially difficult; the only thing to look out for is to have enough bulbs.

Parrot tulips are interesting, and if possible a few should be planted, though in the long run I think you will be more satisfied with those varieties that do not put on so many frills. Parrot

tulips have long, ragged, irregular petals, and they are dashed and splashed in so brilliant a manner that many of the soberer colored varieties must be envious, indeed. The ground color is generally yellow, and this is streaked and splashed with orange, scarlet, crimson and green. Bizarre is the word that most aptly describes these tulips.

No yard is quite complete unless it has a few daffodils to brighten it up. Order as many bulbs as you can, and plant a number of them along the hardy border among the perennials, where they will blossom and add interest to the place before the hardy plants have scarcely begun to grow. Daffodils may also be used to border other beds and may often be planted along a walk or driveway. Most varieties of narcissi may be disposed of in the same way, though this very commendable class of flowers is also satisfactory when grown in a large bed by itself, where it can display its white and gold loveliness to better advantage than when grown with anything else. It is often advisable to plant the different varieties in the same plot; but do not mix the late and early kinds and give each different named variety a portion of the bed to itself. The nar-



SINGLE TULIPS.

cissus, it may be added, will grow and flourish in poor, sandy soil, and this fact should be taken into consideration when deciding what to order.

All members of the iris family are so good dispositioned and obliging that they deserve a place of honor in every flower garden. The German and Spanish sections are pleasing and satisfactory, but the varieties from Japan—iris Kaempferi—are the kings and queens of them all. The great, fully expanded blossoms are tinted in a most exquisite manner, and with good care the plants will grow larger and better every year, affording one many surprises and fine, large flowers. The iris should preferably be planted in cool, moist ground, where the sun can be prevented from shortening the life of the blossoms. However, if you can fully persuade yourself that you will give the plants all the water they can drink and more besides, when the flowers begin to form next sum-

mer, you may plant the iris almost any place around the yard.

### HOW AND WHERE TO PLANT.

While bulbs may do well in soil that is not overly rich, they should be planted in a well drained place, because in the interval between planting and blooming they spend about a half a year under ice and snow, and it is not advisable to have any more ice water settle around them than cannot be helped. To be sure, if they remain frozen all winter they will not be in nearly so much danger as if the ground freezes and thaws alternately; but it is not wise to plant the bulbs under the eave spout as an experiment. If the ground in your yard where you desire to plant bulbs, is naturally well drained, spade it up and make the beds there; but if water stands upon it and refuses to settle, remove the soil to the depth of about eighteen inches and in the bottom of the excavation place a five-inch layer of stone, coal ashes or something of similar nature, for drainage. A covering of straw or leaves should also be added to keep the soil from settling down.

A few wheelbarrowfuls of fine, mellow soil from the vegetable garden or nearby fields should be procured, and thoroughly decayed manure should be added to it until it is reasonably rich. Wood's dirt may be incorporated, too, if one wishes. If the ground spaded out of the excavation is only a bit unporous, it may be made to act right by adding a quantity of sharp sand. Tramp the soil down quite firmly, leaving the surface of the bed a few inches higher than the ground at either side. The beds may be made before the bulbs are ordered or received; in fact it is a good plan to do this way, then the different specimens will not have to be kept out of the soil very long.

Bulbs may be planted almost any place around the yard—with a few exceptions. It is not necessary to restrict them to the sunny side of a house, because those planted where they do not get so much sunlight as they might will last quite a little longer than others, even if they are somewhat later about coming up. They should not, however, be planted close up around large shrubs or where mice can work at them, or where it is excessively moist, as said before. Late in the fall, after they are all planted and after the ground has frozen, make it a point to provide them all with a liberal mulch of rotted manure. This will protect them from alternate freezing and thawing, and feed them when they begin to grow actively. Leaves may also be used; they should be held down by evergreen or other branches.

There is no fixed rule for planting the different bulbs; the smallest may be set about two inches deep and three apart, while hyacinths, tulips, narcissi, etc., may be planted from three to five inches apart by four deep. Make some allowance for the mulch of manure to be applied later on, and do not get them too deep. Where the soil is originally very rich they may be planted closer together than otherwise; and where the different colors are massed in ribbon beds a better display will be secured if they are planted nearer together than they would be, ordinarily. Bulbs may remain undisturbed in their beds until the third year after planting, then as soon as the foliage dies down, in June, lift them from the ground, sort and store in baskets of dry sand in the cellar. Examine during the summer.

(Continued on page twenty-two.)



# Through Fields and Woodlands

BY N. HUDSON MOORE



EDITOR'S NOTE.—Hereafter Mrs. Moore will write on various "nature" topics on this page. The Household Department will be resumed soon where prize articles submitted in our prize contest, will appear.

## AN AUTUMN STROLL.

To my mind the autumn is never melancholy, it breathes the spirit of promise even more surely than the spring. In October many little tours may be made to see if Nature has done her good work in getting ready for another year. You will find she always has; nothing is left to chance, though to our half-blinded eyes many of her methods seem hap-hazard.

First I go to the rhododendrons. See! at the end of every twig next year's buds are already set carefully covered from the cold by layer after layer of close set fibre. Go next to the lilac bushes. They too, are already prepared for next year's flowering, each little bud swaddled in brown. The horsechestnut goes a step farther, for after wrapping up its buds in a mantle of brown, it varnishes them so as to render them even more impervious to rain and snow, thaw and freeze. The apple-tree also is ready for further work, and when the snapping frosts come one may settle down in satisfaction, knowing that all our old favorites are ready for the spring campaign. Still there are flowers to be had for the gathering, some of them the choicest blooms of the year, and all the different ways in which plants and flowers are perpetuated are laid bare to our curious eyes. On the sheltered edge of the wood are left the yellow sprays of the Downy False Foxglove, not many of them to be sure, but still a few. They shine like gold amid the leaves and shrubby bushes where they grow, and it is not until we have carefully scraped away the dirt from their roots that we discover what self-confessed robbers they are. Little suckers on the roots will be found sticking fast to the roots of the shrubs they grow among, often the white oak, or the witch hazel, but we hate to fasten on so pretty a plant the odious name of parasite. This foxglove is not an entire hobo, doing no work, but only a partial one, working when driven to it.

It has a cousin, the Purple Gerardia, which I always try to gather with it, they are so pretty together, the funnel shaped corolla with its spreading lobes, showing a strong family likeness. Their habits are similar, preying to a certain extent upon the roots of the plants they grow near. The bright color of these flowers induces one to try to transplant them, but many attempts are necessary before you may attain success, for they must find the situation just to their fancy before they will make their home with you.

Of course we will not neglect the white Turtle-head, the name of which is so expressive, for the flower is a roadside ornament all the same. Goldenrod and Asters help to swell the bunch, with some odd bits of daisy flea-bane and some aromatic everlasting.

As we walk the air is filled with a drifting crowd of dainty things, some of them so silvery and shimmering that they seem like bits of spider's web. There is nothing so illusive, for they are little craft built for a special mission, and manned generally by a crew of one, who has nothing to do with directing his course, and who never knows his destination when he sets sail.

with a sail which is adapted to carry it into the next county, if the wind is strong, and set it down in a new home where next spring it will open its glad eyes amid a world of green. Did you think the milk-weed grew that ball of down for beauty, and for you to carry home and set upon a shelf within doors? Indeed not. Take a bit of this fluff in your fingers and look and admire. The seed is larger by far than the dandelion, and has a heavier sail to carry it. The seed itself is built with reference to its expected journey, and as it is flat and thin, it presents a cutting edge to the wind, and does not retard its own progress.

Half the world takes no interest in the milk-weeds, first on account of the somewhat dull shade of the flowers, next because of the milky juice, and last, perhaps, because it grows by every dusty roadside, on every sullen pasture land, by wet meadows, in company with brambles, with ticks and burdocks and other ragged members of the vegetable world. This is why I like it. Low company does not affect it; it pursues its own way, does its work, minds its own affairs, and keeps travelling on, a clever and a useful plant in its own limited way. "How useful?" I hear some one say. Take up a station where for one short hour, you may observe a head of the dull purplish pink blossoms, and count the guests to come to that free lunch so generously spread. I have written "free," and there I was in error. Each guest pays in work for the meal he obtains, for the milkweeds as a family have found that insects can carry on the process of pollination with more security to the survival of the species than can the plant itself, so it chooses its insect guests shall do the work for it. The milkweed is not such a simple flower as it looks. It is not enough for a blundering bumble bee to tumble about on a flower and get covered with pollen and then pass on to another plant, where the pollen will fall off on the pistil. The mechanism is much more complicated than that. The pollen is enclosed in a purse-like affair with five little slits in it, and into one of these slits must a leg of the intrusive insect go, before a pollen bag is loosened, attached to the foot, and carried off to the next flower, where, the chances are, it will fall on the pistil.

Butterflies, moths, large bees, and bumble-bees, all are workers for this executive plant, and it is only when bee or butterfly has done its work that we find the flat brown seeds perfected and ripened, and ready to set forth.

On the milkweed plant may be found those large caterpillars of a greenish yellow, which turn after the pupa state, into the gorgeous, monarch butterfly.

Most of the plants along the roadside are getting their seeds ready for their autumn tours. The wild lettuce grows so tall that she quite looks down upon the neighbors she was intimate with all summer. Her seeds are small and delicate, so the little puff-ball of silk which carries them is delicate too. The common burdock sends its seeds abroad on Fido's rough sides or on the tail of the patient cow, while that large body of plants which are called "stick-tights," or "hug-me-close" send their seeds about on your

To begin with one of the most familiar, gather one of the dandelion seed-balls, which you will find even now, though it is rather late for them. Before you blow it all away, pull off one of those little stars and see what is clinging to the other end. A little brown seed, furnished

gown or mine, quite confident that some of them will fall into good ground, and grow up into faithful likenesses of their own mother. There are other seeds which travel miles and miles in the stomachs of migrant birds. Each plant has its own method, and looks out in a marvelous manner for the continuance of the species.

## OCTOBER'S BRIGHT BLUE WEATHER.

O suns and skies and clouds of June,  
And flowers of June together,  
Ye cannot rival for one hour  
October's bright blue weather.

When loud the bumble bee makes haste,  
Belated, thriftless vagrant,  
And golden rod is dying fast,  
And lanes with grapes are fragrant;

When gentians roll their fringes tight  
To save them for the morning,  
And chestnuts fall from satin burrs  
Without a sound of warning;

When on the ground red apples lie  
In piles like jewels shining;  
And redder still on old stone walls  
Are leaves of woodbine twining;

When comrades seek sweet country haunts  
By twos and twos together,  
And count like misers, hour by hour,  
October's bright blue weather.

O suns and skies and flowers of June,  
Count all your boasts together,  
Love loveth best of all the year  
October's bright blue weather.

Helen Hunt Jackson.

## Our Prize Contests

A large number have already sent in articles and stories. Send yours as soon as prepared. You can surely write an interesting and profitable article or story for one of our many contests. Read full particulars and instructions below.

### NO. 1.—SHORT STORIES.

FIRST PRIZE \$50.00. SECOND PRIZE \$20.00 Third \$10.00. Fourth, fifth and sixth, \$5.00 each; the 7th, 8th, 9th, 10th and 11th, \$3.00 each. The stories must be of pure moral character and must not contain less than 2,000 or more than 5,000 words. We prefer to have scenes laid either in England or America.

### NO. 2.—CHILDREN'S STORIES.

FIRST PRIZE \$15.00. SECOND PRIZE \$10.00. Third \$5.00. Fourth and fifth, \$3.00 each. Sixth, seventh, eighth, ninth and tenth, \$2.00 each. Stories must be suited for children between the ages of six and twelve years. We prefer them about animals, flowers or birds and such as will tend to make them kind to pets and animals, or give them an interest in studying nature.

### NO. 3.—FLORAL ARTICLES.

FIRST PRIZE \$15.00. SECOND PRIZE \$10.00. Third \$5.00. The 4th, 5th, 6th, 7th and 8th \$2.00 each; the 9th, 10th, 11th, 12th, 13th, 14th, 15th 16th, 17th and 18th \$1.00 each. Articles may contain from 200 to 1,000 words. Must be concisely told and must be plain and practical. We prefer articles based on actual experience. They may treat of one or more house plants, garden flowers or shrubs suitable for any month of the year. Articles of from 500 to 1,000 words may be told in story form if you prefer.

### NO. 4.—HOUSEHOLD HINTS.

FIRST PRIZE \$5.00. SECOND PRIZE \$2.50. Third Prize \$1.50; and 25 additional prizes of a year's subscription each. If you know of some easy way to do a certain kind of work or any valuable point about housework, arrangement of furniture, making of clothing, care of children, etc., etc., tell it for the benefit of our women readers. If you do not feel that you can write it up suitably, give us the facts and we will arrange them. It is information—practical points, that we want.

### NO. 5.—GARDEN POINTS.

FIRST PRIZE \$5.00. SECOND PRIZE \$2.50. Third Prize \$1.50; and 25 additional prizes of a year's subscription each. Perhaps you have made a great success of some particular thing in your garden this year, tell us about it. Tell it in as few words as possible. We give the prizes for the best and most helpful information.

### NO. 6.—POULTRY HELPS.

FIRST PRIZE \$5.00. SECOND PRIZE \$2.50. Third \$1.50 and 25 additional prizes of a year's subscription each. If you know some feature of poultry keeping or raising which would be helpful to our readers, write it out and send it in. Tell it briefly and plainly. It may treat of any feature of the business.

### NO. 7.—POETRY.

FIRST PRIZE \$5.00. SECOND PRIZE \$2.50. Third Prize \$1.50 and 25 additional prizes of a year's subscription each. Poems must not be longer than seven verses of eight lines each, short ones are preferred. May be on any subject suitable for the magazine.

### NO. 8.—PHOTOGRAPHS.

FIRST PRIZE \$5.00. SECOND PRIZE \$2.50. Third Prize \$1.50 and 25 additional prizes of a year's subscription each. Photographs must be those taken by amateurs and may be of any subject either out of doors or inside, if suitable for publication in the magazine. Write name and address on back of photograph and if you wish it returned send postage for that purpose.

**DIRECTIONS.** Manuscript must be plainly written and on one side of paper only. Your letter must be addressed to PRIZE DEPARTMENT, VICK'S FAMILY MAGAZINE, 62 STATE ST., ROCHESTER, N. Y., and the number of the contest plainly marked on the outside of the envelope. At the top of the first page of Mss must appear the author's name and address, also number of words. If you desire Mss. returned if not successful in winning a prize, sufficient postage must be enclosed for its return. Mss. should be sent in as soon as possible to give time to review carefully. Date of closing the contest will be announced in our November issue.

**CONDITIONS.** We reserve the right to buy at our regular cash rates any Mss. submitted. We desire only practical and helpful matter submitted, and to avoid mere trifles entering the contest we have made it a condition that all entering the contest must enclose 50 cents for a subscription to the magazine either for themselves or another person. Those desiring to submit more than one article may submit three for every two subscriptions sent. A three-year subscription at our special rate of \$1.00 will be counted as two yearly subscriptions. All conditions are plainly given in this announcement and we cannot enter into correspondence with those desiring to enter the contest.



## An Abiding Love

Martin Davis did not look much like a man with aesthetic sentiment in his soul as he left his plow in the furrow that afternoon in early April and drove his tired horse up the lane. His face was weatherbeaten, his hands rough and hard, his clothing cheap and coarse, his high boots, into which his jeans trousers were tucked, caked with mud. But he was young and vigorous; his eyes were bright and eager, and he felt himself a man to be envied; for had he not a wife waiting for him at the house, —a bride of a few weeks? In the band of his rusty felt hat he had slipped a bunch of yellow violets.

When she put them in a teacup and set them on the supper table, he wondered vaguely why he had never known before that flowers made a room look so cheerful, almost as if the sun were shining, though that luminary had sunk behind the western hill. He did not know that the brightness was not of the flowers, but was the light of love reflected from his heart and hers.

It was but a brief time that his happiness lasted. That was the spring of '61, and the country was even then calling upon her loyal sons. Martin Davis turned his horses into the pasture, left his crops for others to harvest, and went unhesitatingly to answer the call. Oh, the heroism of the myriads who thus went out from home and peace and love, to the battlefield, in those dreadful years.

Lizzie Martin fared like the other women,—hoping and praying, living upon the letters that came at irregular intervals, going about her tasks by day with heavy heart, and enduring long nights with their visions of war and woe. That brawny private, that long-limbed, awkward farm boy, was all the world to her. No future opened to her vision which he did not share. She was a commonplace little creature, narrow in thought and limited in capacity, but other and greater women have found it all of life to love one man.

**MEN AND WOMEN** Kidney trouble preys upon the mind, discourages and lessens ambition; beauty, vigor and cheerfulness soon disappear when the kidneys are out of order or diseased. Dr. Kilmer's Swamp-Root, the great kidney remedy, promptly cures all kidney, bladder and uric acid troubles. Sold by all druggists. Sample bottle by mail free, also pamphlet telling all about it and its wonderful cures. Address Dr. Kilmer & Co., Bidghamton, N. Y.

Letters came to her from Tennessee now. Martin wrote that it looked as if some fighting would be done very soon that would scatter the rebels and end the war. One of them, dated April 5, and written on a scrap of paper while he stood in the rain with his company awaiting orders, said there would be fighting soon, and added:

"Here's a yellow violet; just found it under a bank. Season's early down here. We're going to beat the rebels out of their boots. Goodby."

This note, and then—silence. There had been a battle; it was Shiloh—bloody Shiloh. On its gory field when the seventh of April dawned the dead lay by thousands—the blue and the gray. Oh, Shiloh! the waiting hearts that broke when your victory was won!

Private Davis of Company D. was numbered among the dead. A comrade wrote to Lizzie, telling her that Martin had died like a hero. A part of his regiment had faced about and retreated, broken in a panic before the Confederates' furious onslaught; but he had remained, had seized the flag from the hand of the fleeing color bearer and gone on triumphantly to meet the coming foe. In the thick of the fight he was seen to fall, "and," said the writer, with no art at softening cruel truth, "he was buried in a trench."

To the widow a realizing sense of the death did not come. It is often so when those absent from home are taken; to their families they seem still temporarily absent and likely to return at any hour. She accepted the situation dumbly, uncomplainingly.

She had no longer a keen interest in life, and was without the strength of character to rise above her grief and force herself to accept new interests. She was simply an everyday woman, who had loved her husband and continued to love and to think of him day and night, though he was dead. Then she settled down in the little town and became a neighborhood drudge. She sewed, nursed the sick, took care of the new babies, and was at the beck and call of any housewife who needed her in domestic emergencies. The years went on with little variety. The war ended, and affairs settled into new grooves. A flood of prosperity swept over the country, and affected even this quiet town, but made little difference in Mrs. Davis' plodding, uneventful existence. John Holt, a thrifty widower, attracted by her quiet, industrious ways, sought her as

a step-mother for his children.

"No, Mr. Holt," she said, "I can't be your wife. Martin Davis is dead and buried; but I can't make him seem dead, nohow; I never have, an' I don't reckon I ever can. I feel as if he was gone jest on a trip; an' I dream of him o' nights, an' am always glad when night comes because them dreams come too. I'll go along by myself till the time comes for me to go and meet Martin, but it's long, long!"

And then, self-repression overcome by the sudden compassion in the man's eyes, she bowed her head upon the table and sobbed and wept in the utter abandonment of a grief which knows no pretence.

John Holt went away thoughtful, and was afterward heard to say it was a "sing'lar dispensation o' Providence that took a man away from a wife like that an' let other men live whose wives wouldn't a-mourned for him overnight if they'd drowned themselves."

More years went, until, one day, Mrs. Davis heard of an excursion that filled her patient soul with longing. This was a trip by boat to Shiloh battle ground. She had never been further from home than to Cincinnati, fifty miles away, where she had gone once when a girl; but she was determined to make this journey.

The trip down the Ohio river, though novel, aroused no emotion; once on the Tennessee, she began to brighten. Martin had made this journey not long before his death. The war now, so far past, was brought close to her.

One day the captain of the boat sat down by her side on the deck. He was a middle-aged man, of slow, soft speech and gentle manner, as far removed from the typical bluff, gruff, profane, aggressive river man of literature as possible. He had already won Mrs. Davis' confidence by his deferential courtesy and attentions, to which she was a stranger at home. He narrated to her bits of history about the places along the river, with every foot of which he was familiar, and told anecdotes of the people, half of whom he seemed to know by their Christian names.

"How can you speak so kindly of them, an' you a soldier, too?" she broke out at last. "Rebels I reckon they were, most of 'em, an' killed our men, an' would do it again if they had a chance."

He turned to her slowly and without

a sign of surprise; she was not a new type to him.

"Madam, these people along heah were mostly Union sympathizers during the wah. I was a soldier in the Confederate Ahmy."

It was a revelation to the woman of few ideas that rebels—rebels!—were creatures with loves and sorrows like her own.

Then came Fort Henry. Then Pittsburg Landing and Shiloh, and the woman from the little Indiana town had reached her Mecca.

They wandered over the battlefield, those tourists; they saw it almost as it looked on the fatal Sunday so long ago, only today the sun shone, and then the very heavens had wept at the sight below. They saw the place where the fight was fiercest and most furious, the "Hornet's nest," where Union men and Confederates met hand to hand, and the slaughter was so great that the dead lay in heaps.

They saw the pool whose margin had been red with the blood of wounded men who had dragged themselves there to quench their raging thirst.

There was a house here and there—primitive structures, hardly more than cabins. Mrs. Davis stopped at the door of one to ask for water. An old woman came out, a woman with a scant calico gown and clumsy shoes; and eyes blurred perhaps with age, possibly with tears, but kindly still. She grew garrulous in response to a timid question. "Yes, she had lived hereabouts evah since befo' the wah. She an' her ole man was Union, but their six boys couldn't noways agree, an' three j'ined the Union Ahmy an' three the Confederate. And yes—yes, it's all done and ended long ago; but some days the time seems yistiddy, an' it all comes back. Her ole man couldn't keep out no ways when the boys was gone, an' he j'ined too, when General Sherman come along. An'—yes, the boys was all killed; three at Donelson, two here at Shiloh Church an' one at Chattanooga."

The woman who had lost one and the woman who had lost seven looked in each other's eyes and knew the kinship of grief; and somehow the visitor from the North felt no longer a personal resentment for her loss. Though it might have been a son of this woman who shot her Martin, he had thought he was right and meant no evil.

Then she entered the gates of the National Cemetery, where the Union

(Continued on Page Twenty.)



**Autumn.**

The morns are meeker than they were,  
The nuts are getting brown,  
The berry's cheek is plumper,  
The rose is out of town.

The maple wears a gayer scarf,  
The field a scarlet gown;  
Lest I should be old-fashioned,  
I'll put a trinket on.

*Emily Dickinson.*

**STORING DAHLIA TUBERS.****It is a Mistake to Take Them from the Ground too Early in the Season.**

(Written for Vick's Family Magazine.)

One must not be over-zealous in the autumn care of the dahlia tubers, or they will be harmed rather than benefitted. The mistake most frequently made is taking the tubers from the ground too early in the season. When one has a specially choice collection of dahlias, many of which are supposed to be rather tender varieties, there is more or less anxiety felt at the first approach of frost, for fear the tubers will be injured; and they are taken from the ground before the buds form at the sides of the tubers which are to sprout into bloom stalks the following spring. These buds are called the nascent buds, and they do not form until late in the season.

An expert dahlia grower says in this connection: "Leave the roots undisturbed for several weeks after the tops are killed by the early frosts, in order to feed the nascent roots destined to break the following spring. If at the time of removing the plants from the ground these buds are immature, there is a great probability that the tubers will perish before spring; or should their vitality remain, there will be found difficulty of getting them to break."

The next business is to lift the plants from the ground. The greatest care should be taken to preserve the fibrous roots, for the plants require constant nourishment. A number of these rootlets will, under the most careful handling, be broken off, and the supply of sap interrupted until new roots are made. With those plants that have well-swollen buds, reproduction is soon effected. When the tubers are raised from the ground, they should be immediately transferred to winter quarters, where the fibrous roots must be carefully spread upon a thin layer of earth, and at once covered with about an inch of the same, leaving the greater portion of the tuber bare. During the winter they should be kept slightly moistened, but there is no better place for wintering them than an underground cellar, provided its windows admit a moderate amount of light.

*P. W. Humphreys.*

**CANNAS.**

(Written for Vick's Family Magazine.)

The canna delights in a good rich soil, abundant sunshine and copious waterings.

It multiplies at the roots which can be stored in a frost-proof cellar with

dahlias and gladiolus and divided in the spring. Several years ago these plants were grown chiefly as sub-tropicals for their foliage effect, but have been so improved that they are among our most beautiful flowering plants.

The French cannas are best for window culture as they are more dwarf in their habits, but bear enormous spikes of bright blossoms.

When potting use rich sandy loam, putting in sand where the roots are to rest, that they may more readily penetrate the soil. Press the earth firmly around the plant, water with luke warm water, set in a cool dark place for a few days then gradually bring to the light. It will bloom in a few weeks and continue for some time.

*Ruth Lynch.*

**ANTIROSA.**

(Written for Vick's Family Magazine.)

Perhaps the rose experts will want to mob me, but if I were the king of America I would decree that no one should buy or plant high toned roses, Safranos, Clotildes, Hermosas, et al, under any circumstances, at least in these latitudes. A few licenses might be issued for the Gulf States, California, etc., but for the rest I would take the ground that almost any herbaceous perennial shrub or annual which will grow and increase is better than a dead rose, however great its catalogue merits; as Gail Hamilton says "A beet that will grow is better than a cedar of Lebanon that won't." Many, I might say most, amateurs have no great acquaintance with the vast list of hardy plants whose names are mere words that mean little or nothing to them, but all know about roses; every mother's son and daughter feel they are on safe ground and in good company when roses are offered and the flamboyant adjective of the catalogue do the rest. In fact the less you know of plant growing, the more sure you are to be caught by the rosarian's last miracle, a dream of beauty, no doubt, but absolutely impossible for you. The rose expert sets himself to "write his raptures, but the anxious cultural directions crop out everywhere in spite of him. Are you sure the thrips are cornered? Has the aphid gone where the woodbine twineth? Look out or the slug will come in the night, etc. It is whale oil soap, fir oil, kerosene emulsion, hellebore, Paris green, liquid manure, solid manure, pruning protection, powerful spray pumps, good soil, and situation; in short, it seems the rose grower must attend to his roses whether he does anything else or not. And after all the bud often dies and the more vigorous stock rushes up its strong shoots, but when these bloom, you call the dealer a fraud. Or the mercury goes down a little too far and you have the vacant ground at your disposal. Then a new catalogue comes and you bite—and get bitten again.

We of the States of the Canadian border ought to realize that climate is a reality, at least that our climate is,

and that it is poor business to go on exposing plants to its rigors that really belong to Florida or California; and again, we ought not to forget that these creations of the rosarian have been hybridized until their constitutions are delicate. Large and rampant in growth perhaps under proper care, they are killed or crippled by the least hardship. Now, if all the time, labor and money given to these unprofitable or impossible plants, had been applied to the growth of perennials, etc., adapted to the soil and climate that we have, we would be better off in a floral way than we are at present.

But there are roses and roses.

Here in my dooryard is a clump—perhaps patch is the better word, of single roses, a wild species I am afraid—*Rosa blanda* I think. A little slip was set here twenty years or more ago, and the culture is mowing off or pulling up the extending shoots to keep it from covering any more ground. In early spring while the rose is leafless the "catnip geranium"—a labiate plant from England, the *Lamium purpureum*—some plants red and others white flowered—covers the earth, then in June come the thousands of roses, a mound of bloom from the grass on one side over to the grass on the other and

(Continued on page twenty-two.)

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## THE MOTHER'S MEETING

By Victoria Wellman

"God could not be everywhere—so He made Mothers."

### Motherhood.

So little a soul! scarce a cry  
Or a name!  
Hedge it in lest it fly  
To the Heaven whence it came;  
For the soul knows it wing  
And earth's night,  
So bewildering,  
May fright the small thing!

So little a soul—scarce a breath!  
Lost its way, drifted far  
Like a rose petal whirled  
To the world  
From a star,  
On the crest of a wave balancing  
Between life and death, night and dawn.  
(Heaven lingers so near)  
Lest it tremble with fear,  
Lest it open its wings  
And be gone!

Selected.

### The Young Mother.

There is yearly a large class of young mothers who are anticipating motherhood with joy, sorrow or fear, the emotion most predominant depending upon the natural disposition, acquired knowledge, or complete ignorance of facts all should know, and the daily circumstances. One whose life already holds secret misery may indeed sink into a profound melancholy—so hurtful at this period—but she who is blessed with the love of one or both parents and a considerate husband should find an exulting, health-giving gladness in life never before experienced, and mentally should be more than ever capable of connected thought and deep insight into things intellectual. Even one whose health has heretofore been not

quite normal often feels at this time an added strength and alas! too often does not know just how to employ this to her own as well as her coming child's benefit.

Just why the plain, easy object lessons of mother nature should be so scorned by many women who, theoretically at least, believe mothers possess unlimited powers for good or evil before birth occurs, but who, nevertheless, devote this new and God-given energy to work, when if ever in her life a woman should play, it seems too hard to comprehend.

There is an excuse for city dwellers who are not in touch with Nature's doings, but the average country wife and mother is aware that animals are alike in one need; that is, that to rear prize colts or calves no thinking person overworks the breeding animal and by choice will keep her quiet and apart from all intrusions.

Too many have robbed their children of vitality by unnecessary and severe labor for material gain. The house must be "just so," for, says the illogical woman, "Suppose there should be sickness—why, everyone would say I am a shiftless worker." True enough! There are some whose conviction is that they are to act as chief critic on every occasion when illness, death or birth occurs, and relate all the minute details long afterward; still, you can scarcely avoid running against one of these busy bodies sooner or later and it is not sensible to forfeit good health for yourself, a cheerful home for the husband, and a lovely future for the precious newcomer—all because you fear people's talk. Suppose, actuated by this fear, you sew as never before on a machine which always gave you backaches, and add ruffle upon ruffle, tuck upon tuck, for a showy wardrobe. Suppose you clean, wash, scrub, bake until you are too weary for sleep at night. Suppose you, for false pride, wear tight clothes and spend the last three months shut away from observers, and indulge in tears and moods of fear, and keep your strength up by liquors, and woo the sleep you scare away by such wrong living, with bromides and forms of opium. Then, by God's mercy, you live through your ordeal and find you have a cross baby, and lest Mrs. So-and-so may tell others, you drug it with cordials and soothing syrups. Now why should you insult Providence if baby dies soon by rebelling against its mysterious dispensations? The most myster-

ious dispensation of all is that God allows such freedom of action when so many abuse their privileges and produce half-imbecile, criminally inclined or totally deformed or idiotic children to afflict an over-saddened world.

Nothing so moves me to tenderness as to know of the many who really are unselfishly and earnestly seeking better ways than those laid down by "they say." The world moves upward and onward. The key to the surest imitation of a millenium lies in the hands of young mothers, especially those about to receive their first fiery baptism of pain and love ere becoming earthly saviors of mankind.

No work compares with it! There is nothing which pays better! No mission is higher! All things, commerce, law, religion, society, do but revolve around and exist for the protection of the home, the comfort of the mother, who is the heart of the home, the development of those little lives she brooded over and nourished.

This ideal assists you in bearing all the bodily sacrifice. You never forget the thrill which revives you as you first hear and see "my own baby." Prevention—it is the grand ideal! To lay the axe to the tree of evil, begin to help mothers. Give us the aid of the strong souls who labor in many and excellent missions; but it is only to cure not to prevent a ceaseless harvest of misery they labor. Would there could be three generations of unselfish, educated, prepared and devoted mothers, to whom no harm nor neglect, physically or mentally, should be allowed, to whom all should be devoted to help in their noble work. There would be few prisons then because few criminals. Purity and mutual love and trust in society, now said to be uncommon and which would let our daughters' innocence exist in safety anywhere, would then be universal.

Pray do not believe me a mere enthusiast. I have much to learn and can but humbly serve in the field so white for harvest. Some of you may be great souls, tied by circumstances, mayhap, and because I have indeed studied and observed much for years hoping to be worthy to be a helper, it may be my privilege and joy to relieve you, to see you become all my own ideal could ever be. Thus I have taken much space to introduce my desire to you; hereafter under the heading "The Young Mother" it is my plan to discuss, point by point, firstly the practical side of dress, diet, and similar things before and after a child's birth, and secondly, their effects upon mother and child.

Young mothers, there are many simple little ways and means to relieve and assist you. By sending a stamped, addressed envelope, you are welcome to an answer on any point you feel anxious over. I shall be happy to help.

"It seems a breath from heaven,  
Round many a cradle lies,  
And every little baby  
Is a message from the skies."  
(Continued on page fifteen.)

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## THE BRIGHT EYED CIRCLE

Conducted by Stella M. Alderson

### The Robin's Song.

Chee-ro, chee-ree,  
Just look up and see

What a hurry of work in the old maple tree!  
Such weaving and trimming and doing our best,  
To build up a cozy and neat little nest.  
Excuse me, I pray, if I stop for a song;  
It rests us and cheers us and helps us along:  
Chee-ro, chee-ree! chee-ro, chee-ree!

Chee-ro, chee-ree!  
You never did see

Such a beautiful sight in the old maple tree.  
Five dainty blue eggs in the snug little nest,  
The dear Mrs. Robin has hid 'neath her breast.  
And while she remains close at home all the day  
I sing her my sweetest to brighten the way;  
Chee-ro, chee-ree! chee-ro, chee-ree!

Chee-ro, chee-ree!  
So busy are we

In the dear little home in the old maple tree.  
No time now for gossiping words to be said,  
With five little hungry mouths to be fed,  
Besides all the lessons, these bright sunny days,  
In flying and singing, and sweet robin ways;  
Chee-ro, chee-ree! chee-ro, chee-ree!

Selected.

Bright Eyes, you should see me smile over the letters given below! Am I proud of the one which names so many sorts of birds? Indeed I am, and more, because it is original, although I am asking you to send in scraps or copied stories for your Aunt Stella's scrapbook.

The Bright Eyed Circle—These are the birds that come round here that I can name on sight. As you wanted to get some names from all parts I am sure we will all enjoy knowing where the different birds stay. Ours are barn-owl, hoot-owl, yellow-throated warbler, yellow warbler, mountain bluebird, blue warbler, two kinds of indigo birds, blue-jay, brown-creeper, dove, nuthatch, blue-grey gnatcatcher, ruby-crowned kinglet, wren, phoebe bird or pewee, two kinds of grosbeak, two kinds of tanager, gulls, cedar wax-wing (cherry bird), black and white creeper, crane, swan, goldfinch, red-finch, marsh-hawk, sparrow-hawk, chicken-hawk, four kinds of swallows, cuckoo, kingbird, bee-bird, humming-bird, shrike or butcher bird, crow, blackbird, red-wing blackbird, bobolink, chewink, Baltimore oriole, orchard oriole, golden-wing woodpecker, redhead woodpecker, chick-a-dee-dee, meadow lark, two kinds of downy woodpecker, kildeer, robin, crow, catbird, thrush, nine sparrows, snipe, oven-bird, whip-poor-will, bobwhite, pheasant, kingfisher, wild geese, ducks, loon, vireo, bittern, sand piper, and a few others whose names I do not know.

Eliza F. Weir, Cochranton, Pa.

Now who shall blame me for preserving all the letters which I receive from my Bright Eyed readers when such a letter as the above comes. Eliza, tell us about the color, the habits, etc., of any of those birds for I am sure you have truly bright eyes.

Dear Aunt Stella—I read Vick's Family Magazine and like it very much. My grandmother takes it. You

said you would like to have children write so I am going to. I live about a quarter of a mile out in the country and I have a nice time. I play with my goat and dog and cats and chickens. My goat is brown and my dog is black and brown. His name is Fido. The cats are white and gray. The chickens are white Wyandottes. Papa is a milkman and milks fourteen cows. From your loving niece,  
Elma Rugg.

Elma—what a quaint, pretty name!—your little letter pleased me one dull day. You live out just a nice distance. Fun! indeed you must have with such pets, especially the goat! I am a firm believer in white Wyandottes, having friends nearby whose fowls are considered the choicest strain, the best bred to be found in our country. So I can appreciate good chickens. I am sure your mamma is busy with milk pans and pails for those fourteen cows.

Important Question.—Who wants a parrot? A Mexican Double Yellow-head, who can be trained to sing, whistle, and talk so funny! It is a real chance to earn a lovely pet, one easy to keep, living sometimes seventy-five years, full of jokes, and no money out on your part. This chance is open to all who will send their names and promise to take an interest in our bird-study ideas, and follow the simple plan outlined in next month's magazine. Keep your bright eyes open. Send your names at once to Vick's Family Magazine, addressed to S. M. Alderson.

Remember trained parrots soon are worth a hundred dollars and are easy to train.

Good-bye little birdie, I wish you might stay,  
For I know I shall miss you when you fly away;  
But we know, don't we birdie, that winter is near,  
So, good-bye till springtime, good-bye birdie dear.

### Chick and Chirpy.

Way up in the cold north country there is one dear little bird among the few that stay all winter, who sings his cheery song no matter how thick the snow flakes fly. You have often seen him with his neat black bib tucked under his chin, or you have heard him calling, "Chick-a-dee-dee-dee—chick-a-dee."

Once two chickadees came to Tot's house. It was a bitter cold day and Tot's mamma said, "We must feed them. Perhaps they will come every day if we do."

Tot spread the kitchen window sill so thick with crumbs that mamma laughed and said they would have a Thanksgiving dinner. At first the birds were shy and would eat only when no one was looking, but soon they grew bolder. Tot called them "Chick" and "Chirpy," and before winter was gone they seemed to know their names.

One spring day Tot left the window open and laid a trail of crumbs from the window sill to the table inside. Then she sat down in a warm corner and waited. Pretty soon Chirpy came flying along and stopped on the sill to eat his fill of crumbs. After every billful he sang his merry notes. Chirpy had a habit of doing that. Before he had finished Chick came bustling up and they both peered inside the window. What a feast! Such big tempting crumbs!

Chirpy led the way and they cautiously hopped from window sill to table. There they suddenly seemed to be filled with confidence. Chick stayed on the table to feast, but Chirpy flew to a big iron kettle setting

on the stove and perching on the edge—fortunately it was quite cold—sang his gayest song. Tot was so delighted she could hardly keep still. After this the two chickadees often came in and ate their dinner on the table "just like folks" said Tot.

From Child-Garden.

"Believe not each accusing tongue,  
As most weak people do;  
But still believe that story wrong  
Which ought not to be true."

Look through all the papers you have for little scraps. First of all send a stamped envelope to me for the addresses of the magazines and books best for bird study, and facts about the prize parrot. Send to our good publisher for club rates on any magazine you desire to get and save money. All who join in the privilege of earning a lovely parrot so easily must help the good work and prove their earnestness by sending in subscriptions to Vick's Family Magazine.

Now, dear bright eyed children, let all do their best to own our pretty Polly. If but few are interested enough to send their names on at once, the offer will be withdrawn. Particulars will be more fully given in our next number.






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# FRUIT NOTES

By Prof. H. E. VanDeman.

## Crown Gall of the Apple.

There is a disease prevalent in the apple orchards that does much damage yet makes little show on top of the ground. It is no very new disease, but has been only well-known by the scientific world a short time, and much less by the common orchardists. It is called Crown Gall because it affects the crown of the apple trees. It is not definitely known whether or not the same species of fungus affects other trees or plants than the apple but it is certain that it is all from a germ which lives in the ground and finds a congenial home on the apple tree roots. There it grows like a seed, until a knot or gall is formed that seriously interferes with the growth of the tree. In time it will cause the tree to dwindle, and finally, to die. This latter rarely occurs until about bearing age, but the tree is always feeble.

The trouble usually begins in the nursery, as the trees are sometimes affected when they are first planted, but it is sometimes in the ground where the orchards are set. The greatest care should be given to inspecting the trees before setting them. It is easy to detect the disease by the warts or galls on the roots. They are usually on the crown or a little way

down on the central root, and look like warts on the flesh, but with fine roots growing out of them in nearly every case. All such trees should be burned at once, for they are of no value and will infect others. Nor is there any use to try to cut out the galls, for they are too deep.

If the old trees are affected with crown gall they may bear a few crops of apples but they will eventually die, so, it is best to dig them out as soon as discovered and burn them. They will be sources of infection, from which other trees may take the malady.

## Bud Variation.

There is a good deal that goes the rounds of the papers about bud variation that has very little to back it in actual fact. That there is such a thing all know to be true who have worked much with plants and trees. Some of our reliable and well-established varieties of fruits and ornamentals have come to us in this way. The florists know the story of the New Life geranium and some other things, and the fruit growers have the striped and solid red types of the Red Astrachan apple, which came in this way. But the cases are very rare, except in the variegation of the colors of leaves. When we come to trace down the accounts of the fruits that are said to have originated from bud-variation there are generally some important facts wanting.

A case was recently mentioned to me, when in South Carolina, of a certain branch of a Late Crawford peach tree that bore white peaches. When I went to see the tree, which was then in fruit, the branch which had the white fleshed peaches was found to have come from below the bud.

In Florida I once saw a Peento peach tree that was bearing fruit of the characteristic flat shape and that which was long and pointed. This was a clear case. At Riverside, California, I saw a Mediterranean Sweet orange tree that had on it oranges that were lighter in color and thinner in peel than the normal type. These peculiarities could, doubtless, have been perpetuated by budding from the branches that showed them; and in one case the variation was continued by this means.

It would be very interesting to have any such cases, that are well authenticated, brought to public attention, especially if the variety has any points of real merit.

## Exporting Peaches.

During the past summer the United States Department of Agriculture, through the Division of Pomology, has been making experiments in exporting peaches to England. The idea is, to learn what the trade demands, what expenses can be borne, what temperatures are best and what accommodations can be obtained in transit.

To state the matter of results briefly, it may be said, that the attempts were successful. Some of the best Elbertas from the Hale orchard in Georgia were selected, but in the haste to get them on the steamer in New York harbor, in one lot of fifty carriers, it was not possible to get those that were prepared for the purpose and the first fifty that could be got off the top of the load in the car were taken. Although these peaches were intended for sale on the New York market, and like many carloads more that might have been sent across the water, they netted good prices after the long time spent in transit.

One thing learned that was a surprise to all who knew of the experiment was, that the lowest temperature in which they were kept, thirty-two degrees F., proved the best. Some from the same lots that were prepared for export and others for the local trade, were put in cold storage in New York, at thirty-two, thirty-six and forty degrees. I had the privilege of testing samples from all these lots and the lower temperature surely brought the peaches through in the better condition. They were perfectly sound after four weeks of such storage, while those at thirty-six were fairly good and those kept at forty were correspondingly poorer.

H. E. VanDeman.

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Simply write me a postal card or letter. I will send you my book about Rheumatism, and an order for the medicine. Take it for a month, as it won't harm you anyway. If it fails, it is free, and I leave the decision with you. Address Dr. Shoop, Box 424 Racine, Wis.

Mild cases, not chronic, are often cured by one or two bottles. At all druggists.



## EDITORIAL.

This time o' year, when the summer, beginning to sadden,  
Full-mooned and silver-misted, glides from the heart of October,  
Mourning by disconsolate crickets and itinerant grasshoppers  
crying  
All the long nights through, from the ripened abundance of  
gardens. Longfellow.

Scatter some seeds of Shirley Poppy on the beds  
after you have planted your bulbs. They will  
make a beautiful display after the bulbs have ceased  
to bloom.

I enjoy the magazine; it is very welcome as well as very use-  
ful.—Mrs. I. S., Santa Ana, Cal.

Don't fail to destroy any weeds which may be  
flourishing in your garden. Each one, though  
small, will put forth its utmost efforts to ripen  
seed and reproduce itself, perhaps a hundred fold,  
and thus add to your labors next year.

I think your magazine is a good clean, instructive publication,  
one I want our children to have.—Mrs. M. H. L., Gray, Maine.

October is one of the best months for working  
in the flower garden. Bulbs can be planted and  
perennials divided, if necessary. After the new  
growth of shrubs has hardened and the leaves have  
fallen, is the best time to transplant them.

I received a sample copy of Vick's Magazine. I had not seen  
a copy of it for years and find it well worth subscribing to in its  
present form. Hope I am not too late to take advantage of club-  
bing offer as per coupon.—C. H. R., Watertown, Mass.

If you have not read our garden department each  
month, begin now and do not miss it in any future  
issue. It is worth the price we ask for a  
year's subscription. Mr. Morse is an authority  
and you can depend upon the advice he gives.

No other work ever gave me such pleasure as working among  
flowers and in the vegetable garden. Vick's Magazine has been  
an interesting visitor at our home for many years, and has been  
a help to us in many ways. Wishing you the best success.—Mrs.  
H. S., Gottenburg, Neb.

Some of the hardy annuals in the garden will  
bear transplanting to the house and furnish bloss-  
oms for a long time. Pull up a root of Marigold  
and put it in a crock or jardiniere. It will re-  
main in bloom a long time and be very bright and  
cheerful. Petunias will blossom well in the house.  
Sometimes small plants of Morning Glory, which  
have scarcely begun to climb, will be noticed.  
They will flourish in a sunny window and afford  
some pretty bright blue flowers, a color not too  
common among our house plants.

I found September number of Vick's Family Magazine at the  
office. It is just what I wanted. The articles on Ginseng Culture  
and American Grape Culture are worth the money enclosed. In  
fact, it is full of good things. I accept your advertised offer for  
which please find enclosure.—J. E. C., Springfield, Mass.

October is the best month for planting hardy  
perennials. Every lover of flowers should have  
as many of these as circumstances, garden limits  
and contents of the purse will allow. When the  
peonies blossom in the spring you will wish you  
had a garden full of them. When the iris bloom  
you will wish you had every known variety. The  
roses fill you with rapture and you feel that you  
cannot have too many. Later, as the gorgeous  
poppies, the day lilies, the hollyhocks, the fox-  
gloves, the larkspurs, the phloxes and the Japan  
anemones bloom, if you have none, you will see  
just where they would have fitted in and regret  
that you did not realize it at the proper time for  
planting. Don't fail to add some of them to your  
garden treasures this October. The annuals may  
fail you on account of unfavorable seasons for  
planting and other reasons, but the hardy peren-  
nials will be almost certain to give you an un-  
broken succession of bloom from early spring to  
late autumn.

## SPECIAL.

For a limited time we will give the Window  
Garden collection described on page 7 free to  
everyone sending us \$1.00 for a three-year sub-  
scription to Vick's Family Magazine, provided  
10 cents extra is sent to pay postage and packing.

VICK'S  
FAMILY MAGAZINE  
October, 1902

Published by VICK PUBLISHING COMPANY.

FRANCIS C. OWEN, Pres. CHARLES E. GARDNER, Treas.

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2. The balance, if any, will be applied to advance subscription.

Vick's Family Magazine is published the first of each month.  
Should subscribers not receive their magazine promptly they  
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no more than postoffice money orders. They can be procured  
at any express office and we prefer them. Make money orders  
payable to Vick Publishing Co. No checks accepted.

**Please Notice.** If this paragraph is marked, it is to notify you  
that your subscription expires with this issue. Let us have your  
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custom to continue sending the magazine to all subscribers until  
ordered discontinued, you will still receive it regularly, but we  
hope to receive your renewal fee by return mail.

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Vick Publishing Company.

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Read our prize contest announcement on page  
five. Write something from your experience and  
submit it in one of the contests.

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We know there are many young people in  
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and go to your friends and  
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Four Publications for the price of one.

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Poultry publication. It is fully illustrated, printed on super-  
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Price 50c per year.

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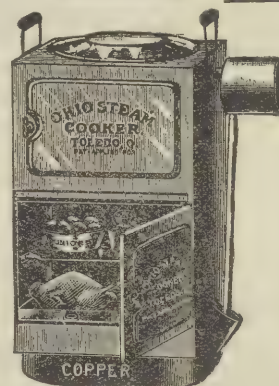
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STEAM COOKER  
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Entire meal cooked over  
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Used on any kind of stove.  
Only cooker made with  
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per tank. Sold on 30 days'  
trial. Get it for your home.

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Liberal terms. \$30 and  
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100 Ontario Building, Ont., and Jeff. Streets, Toledo, Ohio.



## This Stylish HAT and Triplicate Folding Mirror **FREE**



This stylishly trimmed ladies or misses hat complete with triplicate folding mirror **FREE** for selling 36 of our new Jewelry Novelties. The hat is trimmed with best felt over a buckram frame, beautifully and artistically draped and trimmed with all around fringe effect, entirely new, stitched all over with 4 rows of white silkline stitching, with velvet band. Two fire feather quills and an imported jeweled fancy clover leaf buckle. We also give with the hat a finely decorated triplicate folding wall mirror nickel trimmed, making this the greatest premium offer in America. Send name and address, we send you **FREE** postpaid, and **TRUST YOU** with 36 pieces of our latest jewelry novelties. Sell at 10c. each. When sold send us the \$3.60 and we will send you this stylishly trimmed Ladies' or Misses' Hat with Folding Mirror, complete, or give you your own choice of 50 other reliable premiums. There is no trick, no catch about this. We will forfeit \$100 to anyone sending us \$3.60 and can prove we do not send them the hat complete with mirror at once. Send us your order to-day. **ROSE MFG. CO., Dept. 181, CHICAGO.**



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## RHEUMATISM



### A Cure Given By One Who Had It.

November 22, 1901.

Mark H. Jackson, Dear sir:—I noticed your ad in the National Stockman and Farmer, of a Home Rheumatism Cure. As I had been suffering untold misery with rheumatism. I sent ten cents for it, used it, and was relieved at once. I have been recommending it to some of my neighbors, one of whom is an elderly lady, and works by days work, and she is anxious to try it. She suffers much with it in her knees, so I will inclose 10 cents for her. I take great pleasure in showing and recommending your Home Rheumatism Cure. I am telling everyone what it has done for me, even our family physician, from whom I have taken a good deal of medicine, but all of it, did not do the good that your remedy has.

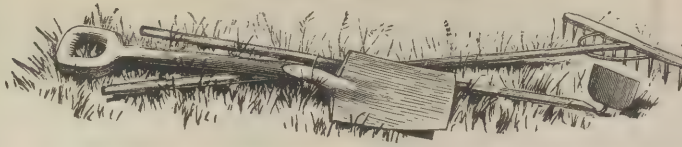
MARY S. HACKNEY, White Hall, Va.  
JASPER, MICH., July 21, 1902.

Mark H. Jackson, Dear sir:—I received your splendid remedy and have used it with the most excellent results. My case was awfully obstinate. I got it in the army. It is the Sciatic Chronic rheumatism, twitching, jerking and shooting of the limbs; electric shock pains all the time. Your remedy is the best, and agrees best with my constitution of any that I have ever used. I have tried almost everything, and cannot appreciate or thank you too much for getting up such a grand remedy. I am,

Yours truly and affectionately,  
LOUIS A. MONROE.

Nine years ago I was attacked by muscular and inflammatory rheumatism. I suffered as those who have it know, for over three years, and tried almost everything. Finally I found a remedy, that cured me completely and it has not returned. I have given it to a number who were terribly afflicted, and it effected a cure in every case. Any one desiring to give this precious remedy a trial, I will send it on receipt of 10 cts. in stamps to pay mailing. Address, Mark H. Jackson, 930 University Bldg., Syracuse, N. Y. Mr. Jackson is responsible. Above statement true.—Pub.

## In the Garden



CONDUCTED BY JOHN ELLIOTT MORSE.

### October Work.

In these dreamy October days, are we liable to dream that our garden work is finished for the year? Let us see; this is the time to begin our tidying up for winter and starting our work for next year. There is all the rubbish from this year's crops to dispose of and consign either to the fire or compost heap. The vine crops, have no doubt been infested with numerous bug and beetle enemies, and the vines once rid of their crops had better be burned up. If left upon the ground they will become a hiding place and shelter for the insects this winter, and their hatching place in the spring. Better gather and burn them at once when their usefulness is over. They will amount to very little in the compost heap, and will be a source of danger unless specially treated with some preparation to destroy the larvae. If burned the ashes will serve equally as good a purpose for fertilizer as would the vine, besides avoiding the risk of the insects in the spring.

As fast as the ground is vacated by the crops, plow or spade under a liberal amount of well rotted manure, then sow rye quite thickly for a winter covering. When the ground is again plowed in the spring, the manure comes to the surface, and in working the soil they will become thoroughly incorporated. This manure will furnish humus, which in its turn furnishes the plant food and conserves moisture. What is humus? It is decayed vegetable matter, and is absolutely essential for best results in growing crisp and perfect vegetables. There is very little danger of over-feeding the garden soil. Oh! there will be plenty of work to do this month, and if done now, it will make the work lighter in the spring.

### Saving Seed.

This is an important matter, and should have been talked of before; but there have been so many things to say that space always falls short. It is not altogether too late now however. If you have carefully watched the growing vegetables and plants, no doubt you have seen one or more in nearly every variety that stood head and shoulders above the surrounding neighbors. It was vigorous, more fruitful and thrifty, and in fact, every characteristic denoted superiority. There was a tomato plant, bean stalk, or other variety that all the season through has been days in advance of all the rest, and by its "get there" qualities has demonstrated its royal blood. Well these are the plants

from which to save the next year's seed. If the plants have adapted themselves to the soil and other conditions this year, it is safe to bank on seed from such vegetables rather than risk the chances on some new or untried variety. Save seeds only from the very finest specimens from the most thrifty and fruitful plants. It is a safe guide, and if carefully done will certainly bring good results and strengthen the pedigree of your stock for the future. But following the careful selection of the seed comes judicious work in preparing it for safe storage. It should be thoroughly cleaned by careful washing or winnowing (as the case may be), properly drying and preserving from moisture. When thoroughly cured, store in boxes or strong paper sacks, carefully label with variety and date. With these details carefully observed, you may rest assured that substantial progress has been made this year.

### Care of the Winter Vegetables.

I had promised to say something of the winter care of celery, with special reference to the home supply. It will be remembered that I advised leaving that portion of it to grow at will and spread out upon the ground. If any have followed the suggestion and left it thus, it may still be left until there is danger of freezing. Even if the tops do get caught a little it will do no harm, as they will play no part in the future crop. When ready to store away, take up the plants separately with a spade, and do not injure the roots. They may be placed in boxes or set in rows on the cellar bottom. Rich, fine soil must be placed under and around the roots and care must be taken to fill it in well and thoroughly firm it. Cover the roots well but do not let the soil come above the crowns. It must have sufficient water to keep well moist but not soaked. With a temperature of forty-five to sixty degrees, it will start a new growth of stalks, the old ones dying off. Keep the daylight away from it and if too slow growth is made increase the temperature. For later use, a portion may be left in a still lower temperature, increased later on. If, as we sincerely hope, any of our readers try the winter rhubarb,

### A CURE FOR ASTHMA.

Asthma sufferers need no longer leave home and business in order to be cured. Nature has produced a vegetable remedy that will permanently cure Asthma and all diseases of the lungs and bronchial tubes. Having tested its wonderful curative powers in thousands of cases (with a record of 90 per cent permanently cured,) and desiring to relieve human suffering, I will send free of charge to all sufferers from Asthma, Consumption, Catarrh, Bronchitis and nervous diseases, this recipe in German, French or English, with full directions for preparing and using. Sent by mail. Address with stamp, naming this paper, W. A. Noyes, 847 Powers Block, Rochester, N. Y.

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### SENT FREE

without deposit or advance payment of any kind, freight paid both ways, on 30 days' trial. Unquestionably greatest family labor saver ever invented. Saves time, expense, and wear and tear. Will do the family washing without boiling clothes, hand-scrubbing or back breaking. Revolves on bicycle ball-bearings and is therefore easiest running washer ever made. Will do two hours' washing in 10 minutes. Washes blankets as well as laces, absolutely clean, and without the slightest injury.

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KANSAS CITY, Mo., May 14, 1902. I have given your washer a fair trial. It is the best washer I ever saw. It has washed our heavy blankets with perfect ease. I washed them last spring and rubbed more than an hour and yet they had to go through again, but the "1900" Washer cleaned them thoroughly clean. We do our washing so quick and have no tired and worn-out feeling as of old. I wish every lady had a washer.

Respectfully yours,  
MRS. J. L. BANNER, 4203 Troost Ave.

BUTLER, N. J., Oct. 22, 1901.

Please find Money-Order in full payment for Washing Machine. The washer is the best and easiest ever made. I never saw its equal in any Washer. One of my sons, who is an engineer, gets his over clothes very dirty. They have been washed by your "1900" Washer just as clean as when they were new. It washes everything perfectly clean. It runs so easy that my little granddaughter did the first two tubs full. It is a marvel and I would not part with it for \$100. In two months it will pay for itself.

Respectfully, MRS. MARTHA WITTY.

It costs nothing to try. Sent absolutely free, freight paid both ways for a trial of 30 days. No money required in advance. Write at once for book and particulars to

THE "1900" WASHER CO.,  
156C. STATE STREET, BINGHAMTON, N. Y.  
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WE SELL THE CELEBRATED DUPONT AND MARCEAU INSTRUMENTS at about one-half the price others charge for inferior goods. FOR SPECIAL OFFER and inside prices on everything in Band Instruments, Supplies, etc., Big Bargains in Cornets, Drums, etc., write for Free Catalogue of Brass Band Instruments. SEARS, ROEBUCK & CO., CHICAGO.



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Bangle Ring. Smallest Ever Coined. Or any Initial engraved Free. Rolled Gold. Warranted 3 years. 10c for either or 16c for both.

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Sold Over \$1,000 Worth With 10 Minutes Work; everybody buys, from the smallest house owner and farmer to the largest corporations; greatest enthusiasm and enormous sales follow every fire exhibition; they reduce insurance and prevent appalling conflagrations; write today for territory and our new plan and testimonials from largest corporations. **The FACILE TOOL CO., D 718 Cincinnati, O.**



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that makes your horses glad.

Made by Standard Oil Co.



**CALIFORNIA OSTRICH FEATHERS**

Are the products of carefully reared, well-nurtured birds, and are the most glossy and magnificent ostrich feathers in the world. We have no agents but sell direct, express prepaid, at producers' prices.

**Special Amazon Plume, \$2.00**  
For \$2 we will send prepaid a handsome black Amazon plume of the very best quality that retails for \$3. Very stylish for winter hats, 13 inches long and 8 inches wide for the entire length.

**Magnificent Boa \$12**  
Full, fluffy, black boas made from selected plumes, 1 1/2 yards long, sent prepaid for \$12. Same grade retails at \$15 to \$18. Very satisfactory and extremely stylish.

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**Great Curiosity**—Natural feather just as taken from the ostrich sent free with every order.

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**CAWSTON OSTRICH FARM,**  
Original Home of the Ostrich in America,  
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Is in line to win fame and fortune. Learn Journalism and Story Writing by mail. Send for free booklet, "Writing for Profit." Tells how to succeed as story-writer, newspaper correspondent, and magazine contributor. Manuscripts edited, sold on commission. Thornton West, Editor-in-Chief; staff of specialists; founded 1895. The National Press Association, 61 Baldwin Bldg., Indianapolis, Ind.



**FREE GOLD WATCH.** This watch with fully guaranteed American movement, is sent free to anyone for selling 20 pieces of our jewelry at 10 cents each. The case is gold plated and equal in appearance to a gold filled watch, warranted 20 years. No money required. Write today and we shall send the jewelry postpaid. Return the \$2.00 when sold and you will positively receive the watch. Numerous other premiums, as Boys' Suits, Rifles, Revolvers, Ladies' Watches, Hats, Shirt Waists, Tool-chests, etc. U. S. Mfg. Co., Dept. J. J., 48 E. Van Buren St., Chicago, Ill.

**FREE SAMPLE TO LADIES**

Send us the names and addresses of five of your friends and three 2c stamps and we will send postpaid a Free Sample of our Handsome Parisian Novelty Pin, exquisite and exclusive design. 14 Kt Gold filled, set with rubies, opals, garnets, etc. Something entirely new and novel. **JATCAM CO., 368 W. 51st, New York City.**

**TURCO BLOCK PERFUME**

controls the sleep producing properties of the poppy flower and often brings pleasant slumber, when nothing else will, by simply placing it under your pillow. Aside from this, it gives clothing a delicate, lasting fragrance and serves as a preventative of disease. One, by mail, 10 cents. **HENRY W. HORN, 33 Loring Ave., Winchester, Mass.**

some of the celery roots may be set right in with the rhubarb roots and all may be grown together. If storing outdoor, a convenient way is to select ground where no water will collect. Dig a trench as deep as the height of the roots, and wide enough for four or five roots side by side. Set the roots in and cover with straw and boards nailed together V shaped. Bank up sufficiently to make sure that no water will find its way into the trench. It may be left thus until danger of freezing when the trench should be covered with soil, and the V shaped boards may be placed over all. The above is convenient for small quantities, but wider trenches may be made, or the hot beds well banked up may be utilized.

#### The Root Crops.

The salsify and parsnips for late fall and spring use should by all means be left standing in the rows. For winter use leave them standing late as possible, then dig and store in out-door pits, or in sand in a cool cellar. Turnips and rutabagas, on account of the strong odor, should never be stored in the house cellar. Bury in pits without straw or other litter. Narrow trenches a foot or more in depth are best, and when covering, allow the soil to sift down through the heap as much as possible. When the colder winter comes, extra covering of soil, manure or other litter will be required. The above is good practice also for the beets and carrots, but lacking the strong odor of the other vegetables, there is no objection to storing in sand in the cellar.

For storing cabbage there are various methods in vogue. They are easily stored in a trench three or four feet wide, and deep enough for four or five tiers. Cut the heads from the stumps and remove all loose leaves. Pack them in tiers stump-ends upward. Cover over with straw and boards laid on V shaped. Cover with soil five or six inches deep over all. Keep them free from dampness, and if allowed to freeze, they will be all the more crisp; but should be kept in that condition until desired for use, and not allowed to thaw.

#### Late Tomatoes.

There is no little satisfaction in a plentiful supply of nice tomatoes through November and even up to December. There is very little trouble in doing this, provided we are careful in our selection. It is useless to attempt it with anything but perfectly sound fruits, and any other will not only make the extra work of throwing away in the end, but will cause no end of trouble in spoiling the otherwise sound ones. They are best stored in a dark, cool and perfectly

(Continued on page fourteen.)

#### FREE EDUCATION.

See our great offer on page eleven. Every young person who desires to get ahead in the world should take advantage of it. Circular free.

This MF trade mark is stamped on every sheet of the best roofing tin made. This MF mark means "Most Favored," because this brand is most favored by architects, dealers, and builders everywhere. MF Roofing Tin was first made in Wales 50 years ago—later the process was improved in America—and the product developed, until now MF Roofing Tin is more in demand than any other brand. The superior quality of MF Roofing Tin is attested by the first prize awarded it at the Paris Exposition, 1900, where it was in competition with all the world.



The entire tinning process is effected by skilled hand labor, without the use of acids or rolls. The very best plates, a great amount of pure tin and new lead, the utmost care in manufacture, successively contribute to making MF the best of all roofing. It is most economical, because it lasts longest—many roofs made of MF 50 years ago are sound as ever today. MF Roofing Tin is sold by dealers everywhere. Specify it in your building estimates. Ask your roofer,

or W. C. CRONMEYER, Agent,  
write Carnegie Building, Pittsburg  
and receive illustrated book  
on roofing.  
**AMERICAN TIN PLATE COMPANY,  
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REGISTRATION APPLIED FOR.


**FREE**

Any girl can earn a handsome, imported French Doll, nearly two feet tall and many other valuable premiums, as per catalogue, for selling our jewelry novelties. This doll is dressed from head to foot and is a perfect beauty, has a beautiful turning bisque head, pearly teeth, long golden hair, natural sleeping eyes, jointed body, real slippers, stockings, etc., and is only one of the many valuable premiums which we are giving our agents for selling our novelties. In order to introduce our novelties in all localities, we have decided to offer extra inducements to our agents for the next 60 days, therefore, any one wishing to sell our novelties has only to send their full name & address & we will send 20 cards of our novelties, postpaid, sell them at 10 cents per card & return us \$2.00 & we will send (all charges prepaid)

**A Beautiful Imported French DOLL**

with turning bisque head, pearly teeth, long golden curls, natural sleeping eyes, jointed body, real slippers, stockings, etc., and dressed from head to foot. In addition to the Doll we give a lovely Turquoise Bracelet and a beautiful Gold finished Ring. Understand, this is not a printed cloth or rag doll, or a cheap paper or a plaster of Paris doll, such as some concerns give, but a real sleeping Bisque Doll, together with a Bracelet and Ring. Positively these three presents given for selling only two dollars' worth of novelties. Take notice: we prepay all express and mailing charges on our premiums. Write today and be sure to send your FULL name and address.

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All Diseases of Skin and Scalp cured permanently. Nothing disagreeable, but a pleasant cure. It makes no difference how bad the case or how long standing. Particulars.

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**LADIES** make a quiet home income selling dry and fancy goods by mail. Send stamp for method. **A. H. MCGREGOR, Lynn, Mass.**

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**A Slight Twist** of your wrist with the aid of a Yankee Ruling Guide will make several parallel lines, all even, with no possibility of ink daubs. Architects, bookkeepers, teachers, etc., prefer it to a high priced drawing pen. Fits any penholder. Sample, by mail only 10 cents. **Melvin L. Brock 2142 Main St., Wheeling, W. Va.**

## IN THE GARDEN—Continued.

dry place. The cellar bottom if free from dampness is a good place; but lacking this, other situations may be chosen. An empty hot bed is ideal by covering the bottom with dry straw, and taking care to thoroughly ventilate. They may be packed in layers or spread out, but do not allow any moisture to gather or any decaying ones to be left in. As required for use, they should be exposed to the sun under glass or otherwise. They will mature gradually and by using the most forward ones first, I have found no trouble in carrying them through until quite late in the season.

### Garden Enthusiasm.

If you ask me why I grow enthusiastic about the garden—there are reasons in plenty. The gardener's work was the first labor that God ever hallowed and blessed. I believe that in the faithful performance of our work there we get nearest to Him. This thought of itself is enough to lend enthusiasm to our work. We have two little girls, and out in the garden among the vegetables and flowers, they are learning to read many things from Nature's great book. They are still young, but are learning many of the vegetable and flower ways, and it does kind o' make the blood tingle a little more lively in our veins to see them dodging here and there through the garden in the morning to search out the new things that have developed through the night. It may be that they learn to read the things in the garden more rapidly than the stories from their school readers. In fact, we sometimes are sure they do; but we will wager the chances that they are building on a solid foundation. Well, there are other things about the garden that enthrall us. My wife and I were farm bred hopefuls, reared right in the isolation (?) of active farm life. We grew up with Nature's beauties spread wide out before us, and the garden carries us back to those days. Have you had opportunity to compare the freshly grown vegetables from your own garden, with those purchased from the street huckster or in the vegetable market? We have, and the comparison is wearisome. The wilted lettuce and spongy radishes, the peas long since gathered from the vines, the sweet corn that "was, but is not," all enthrall us in the labors of the home garden.

A slender acquaintance with the world must convince every man that actions, not words, are the true criterion of the attachments of friends; and that the most liberal professions of goodwill are very far from being the surest marks of it.—*George Washington—Social Maxims, Friendship.*

### A Free Cure for the Tobacco Habit.

Mrs. J. Kay, A. C. 1028 High street, Des Moines, Iowa, has discovered a harmless and inexpensive remedy for the tobacco habit, which has cured her husband and hundreds of others. Any druggist can put it up. The prescription and directions sent free for a stamp to pay postage.

## A woman's discovery

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By many years of constant study and experiments, I have perfected a simple, harmless vegetable remedy that will quickly cure all female diseases, as well as the piles. It is nature's own remedy and will not only relieve, but will absolutely, thoroughly and permanently cure, the ailments peculiar to women, such as falling of the womb, leucorrhea (whites), displacements, ulceration, granulation, painful or scanty periods, irregular menstruation and all the pelvic ills of women. It positively cures rectal ulcers, piles, hemorrhoids, tumors, itching, blind or bleeding piles in either sex. It cures promptly and permanently without the repugnant methods in general use by physicians. You can escape embarrassing examinations, avoid humiliating exposures, cheat the surgeon's knife out of baptism in your blood.

The treatment is so simple, mild and effectual that it will not interfere with your work or occupation. Thousands and thousands of letters are being received from grateful persons from all parts of the world who have been cured by the use of this remedy. The first package is free, send for it—send today. I know that a fair trial of it will result in your becoming its enthusiastic advocate and friend. With it I will send literature of interest and value. Do not neglect this opportunity to get cured yourself and be in a position to advise ailing friends.

Consider well the above offer and act upon it at once: It is made in the sincere hope of aiding you and spreading the knowledge of a beneficent boon to sufferers. Earnestly, hopefully, faithfully, **MRS. CORA B. MILLER, 43 Comstock Bldg., Kokomo, Ind.**

### BOON TO SOCIETY WOMEN.

Women who keep up with society duties incident to high social position find that the draft upon physical and nervous strength is severe. Parties and receptions, late hours and more or less improper diet, draw upon the vital forces. Of course, the best remedy is nature's own restorative, sleep, but frequently something is needed in addition to this. Strong coffee, wines and medicines are equally unsatisfactory, ineffective and injurious. The only thing which can sustain the physical strength under above conditions is nourishing food which is easily digested.

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## A POSITIVE AND SPEEDY CURE FOR

# SLEEPLESSNESS

It contains no harmful or habit-forming drugs. A trial treatment will be sent FREE to any one troubled with Insomnia. Write to

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**CUT THIS OUT.** THEN MAIL IT TO US. It will bring you Free, 14 Funny Pictures, 25 Portraits of Actresses, One New Book, that read two ways, Dainties and its cure, How to make anyone love you, Guide to Flirtation, 30 Jolly Jokes, Magic Age Table, 40 Valuable Money Making Secrets, 8 Funny Stories, Dictionary of Dreams, and Ten Popular Songs. **FUN for the Millions.** To introduce our goods, and obtain new customers, all above large outfit sent free to any address on receipt of four 2c. stamps to help pay packing, mailing charges, etc. **IT'S A RARE CHANCE** Write to-day and be surprised. **WEST SUPPLY CO., BOX 95, QUINCY, ILL.**



**3.95 BUYS A GENUINE**  
Im. **DIAMOND** set, superbly engraved case, which looks like a hundred dollar watch. Fitted with an anti-wind and set **HIGH GRADE AMERICAN WORKS** which is guaranteed for **25 Years**. Send this to us and we will send the **WATCH AND GOLD CHAIN AND SILK PLUSH CASE C. O. D. \$3.95** & express charges to examine. If as represented pay \$3.95 & exp. charges & it is yours. Write if you want. Ladies or gents watch.  
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The Marvelous Resurrection Plant, presents a dry shriveled-up dead appearance, but when placed in water it opens and resembles a lovely velvet green fern-like moss; both odd and beautiful. The Star of Bethlehem or Living Rock Cactus; the wonder of wonders in the plant kingdom, resembles intricate carved stone work. Also many other varieties of **TEXAN and MEXICAN CACTI**. Cacti are especially adapted to house culture in winter with their delicate and variegated flowers and their curious and unique growth. The above 2 plants sent prepaid for 35 cents (silver) or send \$1.00 for above 2 and 4 other rare varieties of cacti.  
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Red May, Climax, Chelco, Sultana, October Purple. Apple Trees \$7 per 100 send for Fall price list  
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says, "Your Ruling Guide is certainly a great device." Bookkeepers, accountants, teachers, etc., all say the same thing. Makes several parallel lines, all even, without moving ruler and blots or ink daubs are impossible. Can be attached to any penholder and does not interfere with writing. Sample 10 cents.  
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400,000 sold. Testimonials and inquiries for agencies come rolling in from Maine to California.  
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Prepare your own **BUST FOOD**, formula **25 Cents**  
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**ENLARGE YOUR BUSTS**  
Ladies, 4 to 10 inches at home, with **Dr. Conway's BUST TABLETS** at trifling cost; \$1000 for a case we cannot; those developed in past twelve years prove his permanent. Sealed facts 4c. stamps.  
**CONWAY SPECIFIC CO.**  
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Antisomia is an infallible remedy for that extremely disagreeable odor of the arm pits which emanates from many, causing intense mortification. Many otherwise attractive ladies suffer from it. Antisomia is a positive cure. Send at once for free descriptive booklet.  
**Oriental Chemical Co., Louisville, Ky.**

## PERENNIAL PHLOXES.

(Continued from page one.)

new varieties, selected from a collection of fifty as the best twelve kinds, all being distinct and showy, large-flowered, dwarf sorts:

Amabalis—A lovely variety; deep, cherry red; flowers large; beautiful.

Aurora—Flower and truss very large; coppery, orange red; crimson center. A grand, showy variety.

Coquelicot—A most beautiful new kind; crimson-scarlet with small purple eye. Exquisite.

Eclair—Carmine rose; shaded white eye; large flower and truss. Earliest to bloom; desirable.

Fire of Bengal—A fine, desirable kind, color of Bengal Fire; good grower, showy and attractive.

Hercule—Large flower and truss; carmine with crimson eye; desirable.

King of Purples—A royal purple; flower and truss large. The most distinct and showy of all Phloxes.

Aquillon—Flower truss very large; color rose pink with showy crimson center. A good kind

Mirror of Dames—Large flower, deep rosy violet with purple center. Very fine and showy.

Neptune—A self pure soft pink. A lovely variety.

Purity—The finest of all whites; of good habit; large truss of pure white flowers. Best of eight white sorts.

William Robertson—Deep rosy salmon with purple eye; large flower; very good. A popular variety.

Mr. Charlton also mentions as being good ones, the following:

Captain Wilhelmy—Deep crimson-red with blood center. Chatrain—Rosy pink, large crimson eye. Embarrassment—Coppery red, purple eye; large flower; attractive. Joseph Gerband—White with deep red center.

Ornament—Lake rose color with velvety crimson center. Large flower. Pacher—Rosy pink; very large flower; fine truss; extra fine and desirable.

Ascanius—Rosy salmon, large flowers, very distinct. Mr. Gladstone—Tender, deep rose; large truss, showy and attractive. Rosetta—Deep rosy crimson; a fine kind. Torpilleur—Deep rose; very effective; excellent. Dame des Beauties—Bright violet with large, shaded white eye. Much like a Phlox Drummondii in appearance. Panorama—Deep rosy carmine; large flower and truss; compact; of perfect dwarf habit.

Some handsome and popular varieties not mentioned in Mr. Charlton's list are the following:

Lothair—Rich salmon color, crimson eye, large flower. Pantheon—Pink or salmon rose, large flower. The Pearl—Pure white; good standard variety. Richard Wallace—White, violet center; very large flowers.

*Florence Beckwith.*

**A Washing Machine Free.**

If you want a washing machine, we can furnish you either the "Standard" described on page 22 of this issue or the "1900" described on another page for securing subscriptions to VICK'S FAMILY MAGAZINE to the amount of \$20.00 at our regular price of 50c. for one year or three years for \$1.00. You will never have a better opportunity. Vick Publishing Company.

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Our celluloid back Collar Buttons set with Imported Jeweled Stones are having a great sale. They are a new creation in useful Jewelry. Heavily Gold finished, Celluloid Backs. Each button set with Ruby, White Stone, Emerald, Turquoise, etc. They come all assorted handsomely put up on beautiful gold cards. Sellers every time shown. Every person uses Collar Buttons. They buy our buttons two and three at a time. YOU CAN EARN YOUR PRESENT IN ONE HOUR BY SELLING OUR GOODS. No cheap scheme trash but honest goods that sell is what we handle. Send name and address we send you 24 of these handsome buttons FREE post-paid. Sell at 10c. each. When sold send us the \$2.40 and we send present you select and earn. Premium list showing over 100 ELEGANT AND RELIABLE PRESENTS for you to choose from sent with the goods. Order at once.  
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is cleverly edited, beautifully illustrated, and vividly interesting from start to finish. It is a dollar magazine in every particular. It is printed on the finest kind of paper, and its beautiful half-tone illustrations are in the A1 class. It fills a void in the magazine field.

Do not forget that you can get the magazine at 30 cents only if your subscription is received before October 15, and at 40 cents until November 15th. If you are wise, and send your subscription at once, we will also send you FREE the initial September number, with a beautiful colored picture, entitled "A Bowl of Roses." Look at this partial list of contents of the October number, and then say whether you have ever before been offered so much supremely interesting and delightful literature for so little money.

## A FEW OF THE GREAT FEATURES for OCTOBER.

**THE SECRET OF THE BARONESS**—A Fascinating Love Romance of the Castled Rhine. "In Days of Old when Knights Were Bold and Barons Held Their Sway."  
**THE MAN WHO WOULD NOT BE A KING**—The Second of the Great Napoleon Series. A Strange True Story of the Great Napoleon and His Greater Brother.  
**THE SULTAN AND THE WOODCHOPPER**—This is one of the Finest Stories ever told of the Great Haroun al Raschid and his Wife Zobeide. Is not found in Arabian Nights' Tales, but is undoubtedly of the same origin.

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**THE EVENING MIST**—A Beautiful Legend for Old and Young.

**THE STORY OF THE STARRY SKIES**—The second of the great articles by the eminent authority, Mr. THOMAS M. UPP, including an interesting account of the Demon Star, and more information on the study of Astronomy.

**NATURE'S MARVELS**—You'll Be Interested In: An Animal that Never Leaves the Tree-tops—A Bird that Never Leaves the Ground—A Fish that Travels by Land—A Snake that Never Leaves the Water.

**OTHER LANDS THAN OURS**—Picturesque Peasants of Holland—Queer Street Scenes in Madrid—Extremes of Temperature in Bolivia—The Neat and Cleanly Samoans—The Rat-Catching Snakes of Manila—No Stores in Patagonia—Woman's Life in an Arab Harem—A Russian Town Where Women Rule—Odd Corners of the World.

**READING FOR EVERYBODY**—A Fire that has Burned for a Hundred Years—A Tree "Possessed of the Devil"—Cats and Electricity—What a Pound of Coal Will Do—If the Earth Should Slow Down—Great Men Who Were Poor Boys—Song Birds as Weather Prophets—Common and Curious Superstitions—Wonderful Cases of Long Sleep.

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P.S. Owing to the great expense of producing the pictures and the costliness of the magazine itself no free or sample copies will be sent to anyone, nor any further information given by correspondence. Just send in your subscription, and if you are not entirely satisfied, your money will be cheerfully refunded.





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## Poultry Department

Conducted by Charles F. Thompson.

### THREE HUNDRED HENS.

Seven Hundred Dollars Profit; Nine and One-Half Months; The Story of How it was Done.

The pullets were pure line-bred, high-class Brown Leghorns, hatched during the last half of April, and selected October 15 from about 600. First, all undersized or otherwise objectionable specimens were quickly discarded. Then about 200 of the choicest, highest-scoring birds were picked out to reserve for breeding, exhibition and sale. Then 300 of the largest left, all choice, healthy, well-matured birds were promptly dubbed of three-fourths of comb and wattles, a dash of alum water applied to prevent excessive bleeding, and there was no loss. Next day they were put into their permanent homes in flocks of fifty each, with no males, and with free range; the houses were about forty rods apart, and placed by running water. An egg-stimulating diet was started as soon as combs were fully healed, and by November 1, plenty of eggs were coming in. The actual cost to this point was, probably not over forty cents per head, but as they possessed a selling value of fifty cents each, I have figured them so in the account of this lot, November 1. From that date, all eggs were credited at actual price received, which was five cents more than market quotations, and food charged at cost.

On the first fall of snow, after the ground was frozen, the houses were drawn to winter quarters, a warm sheltered location between hills, and were placed not more than two rods from each other, facing the south as before. Six inches of dry gravel were then put on the floor of each house, which was rather small for fifty fowls, and would hardly do for larger breeds, being only ten by fifteen feet; but all of it was clear for scratching, and the fowls were allowed to go out all winter on mild days whenever there was bare ground.

From December 1 to March 15, the very first thing done for the hens in the morning was, before day light, after the fire was started under the cooker, to give them an eight-quart pail of mixed grains, such as the coarse part of sifted cracked corn, wheat, buckwheat, oats and barley, which was scattered into the straw and chaff which covered the floors on top of the gravel. Immediately after this the drinking founts were partly filled with warm water, using two pailfuls in all. All this took but about twenty minutes and the man attended to the fire as well. We considered this a very important part of the care, as it brought the hens into exercise as soon as they came off the roosts, instead of moping around, cold and hungry, while waiting for a warm breakfast, and gorging themselves with the same; then drinking excess-

ively as is always the case when the hot mash is the first thing given. They will scratch vigorously for the meagre morning allowance, drink and scratch again, until the last kernel has been found. Meantime the hot mash is being properly prepared, and the attendant has his own breakfast. The regular morning mash consists of mixed ground grains of all kinds fed to poultry, and cooked vegetables of some kind. There was no fixed rule, but varied so that no consecutive meals were exactly alike, except in the matter of potatoes, which were always our staple. We used the small ones which ranged in price from fifteen to twenty-five cents per bushel, always washed clean and boiled or steamed until just done, then immediately mashed, adding at the same time the grains which were previously mixed, salted and peppered, and meat scrap; egg food, sulphur, etc., added as being fed at the time. We used sulphur once in two weeks, three pounds for 300 hens; cayenne pepper daily, which we bought in bulk at thirty-eight cents per pound pure; beef scrap quite freely, say twelve quarts for 300 hens, except on mornings when fresh beef was fed, which was twice a week.

But to the mixing; as potatoes are mashed, which is best done in a long box with a hoe, add just what grain the steam and moisture will wet up, and when through, leave in one end of box covered over for about half an hour. The grain will cook and swell some in that time, and a small amount of bran or meal will be needed to bring to the crumbly, dry state desirable for feeding, and should be added only as fast as used. We never fed quite all that would be eaten, and gave it in V-shaped troughs on the floor, and they were hung upon nails on the sides of the houses after using. Twice a week, for all our laying stock, beef heads boiled until the meat fell off from bones, and meat and liquor well mixed in were added to our mash. We also added chopped onions often, and skim-milk nearly every two days, though we fed the latter mostly to our growing stock, not having all we wanted to go around. There is no stock that pays better than poultry to feed milk to.

The next thing done was to give the daily allowance of green food, usually two or three small loose cab-

### TO WOMEN WHO DREAD MOTHERHOOD!

**Information How They May Give Birth to Happy, Healthy Children Absolutely Without Pain—Sent Free.**

No woman need any longer dread the pains of child-birth; or remain childless. Dr. J. H. Dye has devoted his life to relieving the sorrows of women. He has proved that all pain at child birth may be entirely banished, and he will gladly tell you how it may be done absolutely free of charge. Send your name and address to J. H. Dye, Box 137, Buffalo, N. Y., and he will send you, postpaid, his wonderful book which tells how to give birth to happy, healthy children, absolutely without pain; also how to cure sterility. Do not delay but write today.



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For \$12.98 without reservoir or shelf. \$17.98 with porcelain lined reservoir, high shelf and warming closet, exactly as illustrated, we sell this high grade, big 322-pound steel range, that others advertise and sell at \$25.00 to \$35.00. Hundreds of other big price making surprises in our complete Stove Catalogue, sent free on application. If you want anything in the way of a steel range, cook stove, heater, gasoline or oil stove, we can save you nearly one-half in price. Every stove made in our own foundry. For the most wonderful stove prices, complete catalogue and our SPECIAL PAY AFTER RECEIVED OFFER, cut this ad. out and mail to **Sears, Roebuck & Co., Chicago.**

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as an inventive genius and an extra bright one has just perfected a Ruling Device far ahead of anything else for making lines. Takes place of drawing pen preventing daubs and blots. Bookkeepers, architects, bank men, teachers, etc., all unite in its praise. We send a sample postpaid for 10 cents.  
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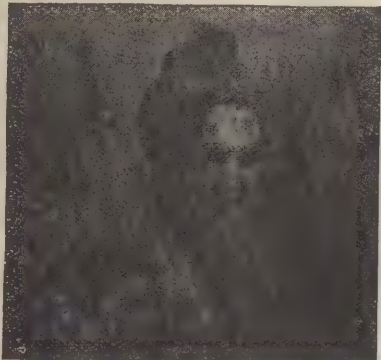
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trick of it is this—every brush holds its own soap,  
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beauty to the face and body. You don't have to  
reach around in the bath tub for the soap. Just dip  
the brush in the water and press the handle.

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every atom of dirt and dried cuticle. The gentle  
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bearing pedals, nickel trimmings, beautifully finished through-  
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For the most wonderful bicycle  
offer ever heard of, our liberal terms and pay after received  
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bagged to each house, suspended about  
two feet from the floor. A light  
sprinkling of plaster was put over  
droppings on platform, under roosts  
which were cleaned off entirely once a  
week, and kerosene oil poured over  
roosts and bearings, the roosts in-  
verted. Old litter on floor was re-  
moved weekly, and replaced by fresh  
about six inches deep, small amounts  
of chaff, however, being put in nearly  
every two days, and one bushel of fresh  
gravel dumped on each floor weekly.  
Oyster shell, grit, and crushed bone  
were kept constantly in a box on the  
side wall. The hens found all the  
dusting places they wanted in the cor-  
ners and all along the sides. At  
noon, drinking founts were replenished  
with warm water, and mixed whole  
small grains scattered into litter all  
over floor. At roosting time, what  
whole corn would be readily eaten was  
given in the troughs, and eggs were  
gathered, drinking founts emptied, and  
shutters closed. We did not have a  
sick or drooping hen in this lot, even  
with the high-feed egg-forcing, but  
that was due to strong, perfectly  
healthy stock, and cleanliness in keep-  
ing, as well as preventive measures  
taken. Douglas Mixture, as well as  
asafetida, was often used in the  
drinking water, and the food was all  
good. The pullets in coming to win-  
ter quarters were nearly all laying,  
and were kept at it through the cold  
weather by the exercise and internal  
heat with stimulating as well as nu-  
tritious, egg-making diet. No arti-  
ficial heat was used, but plenty of sun-  
light through the glass in south side  
of houses; they were kept warm at  
night, also, by closed shutters over all  
glass and door, and also closed venti-  
lators in severe weather.

Early in March, the houses were  
placed far apart again, by running  
water and free range. Being non-  
sitters, the hens laid quite well all  
through spring and summer, getting  
insect food after May 1, and by Au-  
gust being about ready to let up for a  
rest and early moult. We quickly  
fattened and dressed them, having  
young stock that needed the quarters,  
and not considering these birds so  
forced desirable to keep longer. They  
had given us an average of 186 eggs  
each in nine months, and probably  
would not have run it up to more than  
220 at best in the next three months.  
They came to the block in good time  
for mountain hotel trade, and were  
really as good as spring chickens, be-  
ing plump and tender, three and one-  
half pounds each, and brought us eigh-  
teen cents per pound. So we have the  
following summary statement:

Dr.	
To 300 Pullets Nov. 1, 6 mo. old, @ .50	\$150
To feed 9½ mos., cost per hen, \$1.75	5 5
To care 290 days @ .40	116
To balance, Profit,	7 0
	<b>\$1,491</b>
Cr.	
By 186 eggs 15½ doz. per hen, average	
price, .28 \$4.34 per hen, 300 hens,	\$1302
By 1050 lbs. Poultry dressed @ .18	189
	<b>\$1,491</b>

Average profit per hen 9½ months \$2.33½.

No credit was given for droppings

worth, probably, twenty-five cents per  
hen, but they are considered as an off-  
set against our personal supervision of  
care, etc. The same man worked  
fifteen years for us at fifteen dollars  
per month and board. The time he  
used on the 300 represented only about  
one-fourth of his labor, so forty cents  
per day more than covers that item.  
I do not consider \$2.33 per hen by any  
means the limit of profit, as much  
better may be done with smaller  
flocks, I having once cleared over fifty  
dollars on twelve Light Brahmas in  
twelve months, by raising only two  
broods of chicks, and much better still  
with five Langshans.

### Ashes and Lime as Absorbents.

Many writers both in Agricultural  
and Poultry Journals advocate the use  
of lime as an absorbent under the  
roosts, etc. Some say ashes are good.  
Nothing could be worse. They both  
liberate the ammonia with which the  
chicken manure is highly charged,  
actually burn up and kill to a large  
extent the fertilizing value, often  
cause sore eyes and blindness in young  
chicks. It is surprising to us that so  
many advisers advocate the use of  
lime under the roosts as an absorbent,  
when it is just like putting gunpowder  
and a lighted match together for it all  
goes up in the air. Air slacked lime  
is but little better: Use the best  
absorbent which will keep your chicken  
quarters clean and sweet, and add to  
the value of the droppings, which is no  
small item to consider. Land plaster  
stands first. Dry fine earth next.

Chas. F. Thompson.

### VERY EMPHATIC

are the claims made concerning the  
remarkable results obtained from the  
use of Vernal Saw Palmetto Berry Wine  
for quick and complete cure of all  
stomach troubles, such as dyspepsia,  
indigestion, flatulence, and catarrh of  
stomach, with only one small dose a  
day.

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thousands who are cured as well as by  
the compounders of this wonderful  
medicine. No statement can be too  
positive concerning what this great  
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sufferers.

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stay cured. The most stubborn case  
will yield in less than a week, so the  
sufferer is free from all trouble and a  
perfect and permanent cure is well be-  
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Every sufferer from catarrh, stom-  
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congested liver and kidney troubles  
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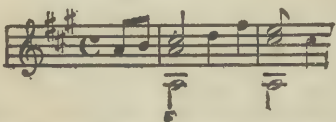


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### My Bonny Bird.

(Written for Vick's Family Magazine.)

My bonny bird wings gaily there,  
While music fills his throat;  
No nightly fear or daily care  
Makes one discordant note.  
Now high, now low, and to and fro,  
The while he sings with glee,  
Nor longs to bathe where streamlets flow  
Or rest neath forest tree.

There in his tiny gilded home  
He spreads each fairy wing,  
Nor cares that other birds may roam  
O'er lands of fadeless spring.  
But glad and free his heart shall be  
While bleak the north winds blow,  
Shut in this quiet room with me  
All safe from drifting snow.

O, bonny bird, 'tis mine to bring  
The food and drink you crave;  
And yours in gratitude to sing  
To me your willing slave.  
We breathe no sigh nor question why  
We two are captives here,  
Above us bends the azure sky  
And God is ever near.

Ruth Raymond.

### October.

"I hear the winds among the branches sighing, as earth sits dreaming with abated breath. The leaves have fallen in a gorgeous shower of gold and crimson, on the hillside slopes; and robbed all ruthlessly of Summer's dower, the trees stand grieving as o'er vanished hopes."

Bright glorious October, with her wealth of brilliantly colored trees and flowers, has come. The air is crisp and clear, just the day for a ramble in the woods, through the meadow and by the hillside. Who can resist the charm of these pleasant days. Dark winter will soon come, when one must stay in doors. October is one of the most delightful months of all the varied year. After summer's sultry days and September's changing weather, the soft cool air of October seems delightful. The summer beauty of the woods is merged in the scarlet, crimson and yellow glory that Nature puts on. Nature's garden—the woods and fields—is more beautiful in its rich undisciplined beauty, than any home garden. The trees and shrubs of the forest, and the lovely, dainty flowers between, give very generously of their brilliant colors. The crisp, brown leaves rustle in every gentle breeze. The air is filled with delicious woody odors, unlike spring's immature fragrance.

With Shelley, we find, "There is a harmony in Autumn and a lustre in its sky, which through the summer is not seen or heard."

October's quiet air brings silent suggestions. Its rich luxuriance compensates us for spring's delightful anticipations, and summer's happy memories. As a full, happy life looks back from middle age, with pleasant memories, not regrets, for Life's young spring that is past, with peaceful hopes for the life that is to come, not sadness for pleasures never to return, so autumn is to spring.

It was early when I started for a walk today. First, through the pasture with its erstwhile greencoat, now

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bronze—with solitary groups of wild-weed. In the fence corners were clumps of golden rod with its bright flame of color, but the woods beyond the fence lured me on. The October haze foretells Indian Summer. All nature seems desirous of making the close of the year glorious with bright colors. Here is a tall maple clothed in leaves of brightest scarlet and goldenest of yellow, while pale and dark green leaves, yet wait for Jack Frost's beautifying fingers. A poison Sumach with its withered leaves stands close against a background of dark green cedars. Another maple with its dead brown leaves, stands sentinel at the entrance to a thickly wooded walk along the shadowy glen. Virginia Creepers with their brilliant scarlet and green leaves, twine about oak trees with their dropping foliage which makes a nut brown carpet at my feet. Alder bushes with their green and dried brown leaves and hard purple berries, stand straight and prim beside the gray stone wall. The low scrub oak trees cluster close together as if shivering in the cool, clear air. A few nodding daisies stand forlornly in a little glade. Scarlet bitter-sweet clammers over decayed stumps and the brown touched ferns, lie frost bitten in the shadows. The narrow roads are ruddy from frost.

On woodland and valley, meadow and uplands, lies the icy touch that will ere long wither all with its chilly blight. Trees are green in their sun touched places, and sear in the shade. Gorgeous banks of golden rod, one of the most beautiful and radiant flowers of field or forest, line the roadway. Its branches, here four or five feet high, a solid mass of bloom, there growing low on the ground, with soft whitish balls, whispering to the flowers, so bright now, that soon they will be alike. And here, there and everywhere are wild asters in myriad clusters of crimson and purple bloom which late frost will soon destroy. The bursting pods of the fluffy milkweed are nearly gone and the snowy down, aflown over meadow and field, to bloom again in all its lovely delicacy when the birds of summer sing. Large purple thistles are growing hoary, losing their beauty and getting ready for feathery flight.

Bright-eyed squirrels frisk about from limb to limb or peep at one from some stony crevice. Rich brown cat-tails grow in marshy places and purple wild grapes glow among drooping branches. Lovely fringed gentians bloom beside the tiny brooklet, threading its way among the bracken. Occasionally in a leafless tree by

(Continued on page twenty-one.)

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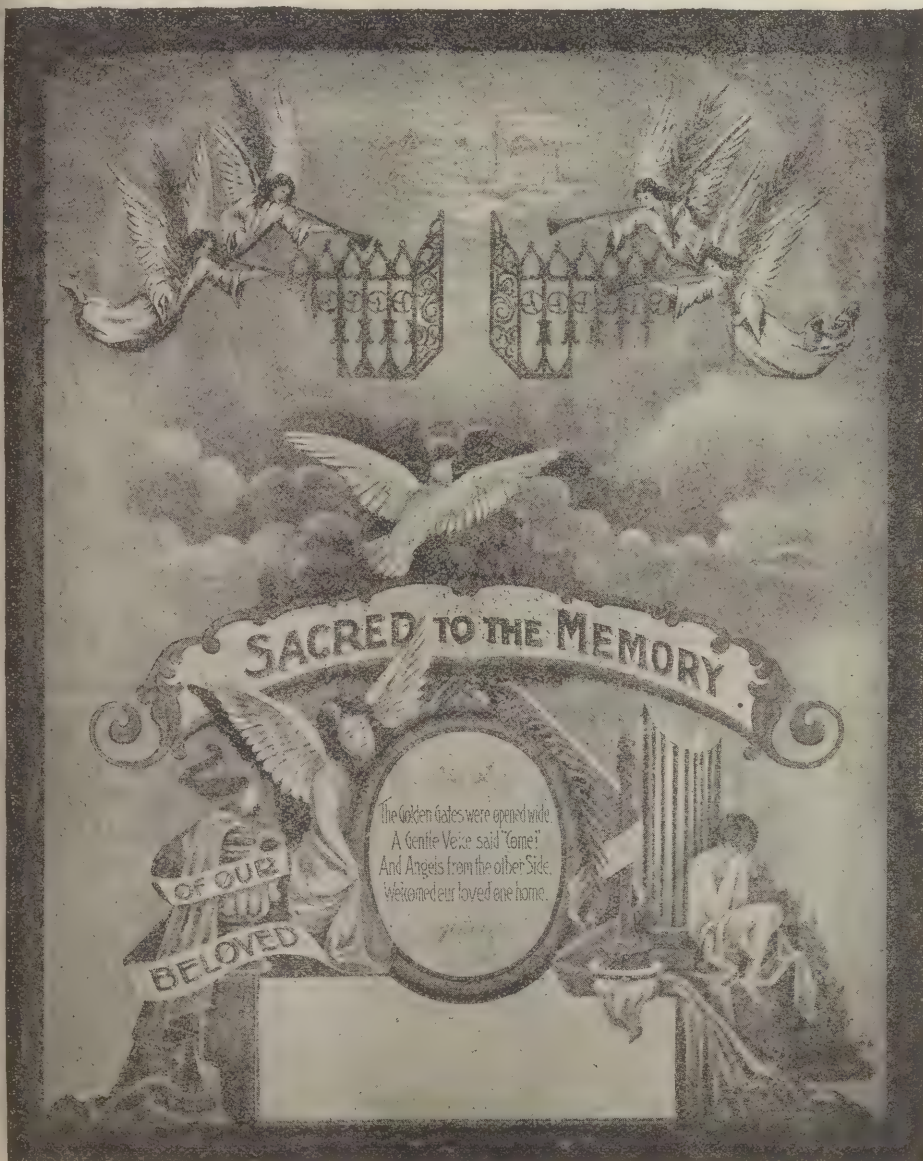
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An Abiding Love.  
(Continued from page six.)

dead are laid in long lines, with a  
granite block marking each resting  
place. The captain of the boat joined  
her at the gate, and as he passed in  
he plucked a sprig of cedar. Down  
between the rows of stones then the  
captain, walked, and pausing at one  
bearing the number 1607, lifted his  
hat reverently and laid the bit of cedar  
upon it.

"I put a little posey there every  
time I come," he said gently. "I  
reckoned that maybe the wife or  
mother of the boy lying there might  
like it."

More years went by, and the Widow  
Davis plodded patiently through them,  
getting a little more weary as they  
passed, and finding the burden of lone-  
liness none the easier to bear as age  
crept on. That visit to Shiloh had  
taught her some things, toleration  
among the rest, but it had also taken  
away one thing that had been a secret  
source of comfort to her. Until that  
time she had pictured to herself the  
return of her husband.

After this visit to Shiloh these com-  
forting pictures were conjured up no  
more in Lizzie's mind. It was all  
real now, the battle and the slaughter,  
and she had seen the graves where the  
soldiers lay; her thoughts centered  
about "1607," where the captain's  
tribute rested, and she felt more and  
more convinced that Martin slept  
beneath that stone. It was nearly  
thirty years, a lifetime, since he  
went, and he would come to her now  
only after heaven's gate had opened to  
let her in. She had mourned her  
lost love for thirty years.

One day in April, it was the thir-  
tieth Shiloh anniversary, she was at  
her little cottage, no neighbor need-  
ing her services as nurse or seamstress.  
It had been an early spring, and she  
went out in the garden to look at the  
signs of life among her few cherished  
flowers. In a sunny corner wild  
violets grew, and had pushed green  
leaves above the mould, but no buds  
were yet in sight.

"I remember," she said, speaking  
to a neighbor who had paused in  
passing, "I remember seeing violet  
flowers as early as this."

She was thinking of those stuck in  
the band of Martin's hat that day so  
long ago when he came from the field,  
and as she spoke she looked down the  
village street, wondering at the un-  
usual boisterousness of the school chil-  
dren. They followed after and jeered  
at a man who came slowly and hesi-  
tatingly along as if uncertain of his  
way. His clothing was rough, his  
shoulders bent and his gait shambling.  
On his head was a military cap, such  
as some old soldiers still insist upon  
wearing, and on its side was some-  
thing like a decoration of a woman's  
bonnet. It was this that made the  
children jeer. Mrs. Davis put her

For a limited time we will give absolutely Free to  
everyone sending us \$1.00 for a three year subscrip-  
tion to VICK'S FAMILY MAGAZINE our Window  
Garden collection, advertised on page 7, if 10c be  
added to pay postage on it.

hand over her eyes and looked at it  
intently. Hardly knowing what she  
did, she went out upon the walk and  
down the street to meet him. When  
she came closer she saw that the deco-  
ration was a bunch of yellow violets.  
She stopped before the man and looked  
at him. She had never thought of  
her husband as other than erect, and  
strong, and young; this man was  
feeble, and dim-eyed, and old, but—  
she knew him.

"Martin!" she said—"Martin!"  
and reached out her hands, forgetful  
of watching neighbors and children.

Something like a miracle happened  
in that moment. The years fell away  
from her as a garment; the flush in  
her cheek, the love light in her eyes  
transfigured her.

"Lizzie!" said the man, the dull,  
dazed expression clearing his face—  
"Lizzie," and he fumbled at his cap,  
"I—I thought ye'd like some posies,  
an' came round by the holier an' got  
them."

(Concluded on page twenty-one.)

#### FEMALE AFFLICTIONS.

We are distributing 10,000 boxes of  
Eumetra Tablets among the lady read-  
ers of VICK'S FAMILY MAGAZINE. Eu-  
metra Tablets are an absolute cure for  
painful suppressed menstruation, ul-  
cerations, displacements and all forms  
of female diseases. To those who  
write the Eumetra Pharmacal Com-  
pany, 121 Burns Bldg., Detroit, Mich.,  
a box of the famous home remedy for  
the relief of pain, will be sent at once,  
free and prepaid.

Eumetra Tablets have been prescrib-  
ed for years by the most skillful phy-  
sicians, and are compounded from the  
finest grade of standard remedies.  
Prepared in tablet form for internal  
treatment, they offer the most pleas-  
ant, convenient and agreeable form of  
treatment for suffering women. It  
costs nothing to secure a trial box of  
Eumetra Tablets. Send postal card—  
send it to-day—and a trial box will  
be sent you by return mail, absolutely  
free of cost. No more distress, trouble  
or torture, if you take Eumetra Tablets.

Gold Plated Watches	25 Cents	Ladies and Gents Chains	25 Cents	Solid Gold Tooth Set, Rings	25 Cents	Charmes and Chatelain Watches
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How to get your choice of any article in "Eureka Watch Co." Catalogue for 25 cts. Styles of Ladies  
or Gents gold plated Watches 4 styles solid gold Rings, Lorgnette Chains, Gents Double Chain,  
etc. Write at once.

Agents wanted  
\$5.00 per day easily

**Eureka Watch Company,**  
NEW MILFORD, CONN.

**\$1000 SALARY** Per Year to Men  
or Women by Old  
Reliable Firm, Es-  
tablished 14 Years

**PAYABLE  
IN CASH  
WEEKLY.**

We want 6 more General Organizers to travel and appoint local organizers in  
each town. Also 6 more State Managers for office work at home. Experience  
not necessary as we supply full instructions. Any honest and worthy man or  
woman who desires a good salaried position with no canvassing to do, should  
write us at once as the vacancies must be filled soon. No capital required.  
We allow \$3.00 per day for expenses in addition to a straight, out and out,  
genuine cash salary at the rate of \$83.33 per month. As soon as arrange-  
ments are completed for you to begin we send check to defray first week's salary and expenses,  
together with supplies and instructions. We mention these details as we do not wish to be  
misunderstood in reference to our offer. We want honest employees, who will appreciate the  
confidence reposed in them, and who would like to be connected with a large concern where  
they will be well treated, and have an opportunity to build up with the house. For these po-  
sitions we want 12 honest men and women who are capable of collecting some of our accounts  
and looking after any special matters which frequently arise throughout the country in con-  
nection with a large business like ours. State which position you prefer, whether to travel or  
do office work at home. We have no connection with any other firm. This advertisement will  
not appear again. Send references and stamp for reply. Address  
**PRESIDENT MONROE COMPANY, 268 Wabash Avenue, CHICAGO.**

## Mothers! Mothers!! Mothers!!!

### Mrs. Winslow's Soothing Syrup

has been used for over SIXTY YEARS by MIL-  
LIONS of MOTHERS for their CHILDREN  
while TEETHING, with PERFECT SUCCESS.  
It SOOTHES the CHILD, SOFTENS the GUMS,  
ALLAYS all PAIN; CURES WIND COLIC, and  
is the best remedy for DIARRHOEA. Sold by  
Druggists in every part of the world. Be sure  
and ask for "Mrs. Winslow's Soothing Syrup,"  
and take no other kind. Twenty-five cts. a bottle.

### We Will Start You

in a permanent influential business that will make  
for you more money and more friends than you  
ever had before. Be your own boss. No matter  
what you are doing write us if you wish to earn more  
money. We start only one in each locality. We  
supply everything. Write today, tomorrow may  
be too late. Address, The Lycensite Co., Dept. J.  
3831 Baring Street, Philadelphia, Pa.

**This ELEGANT Watch \$3.75**

Before you buy a watch out this out and send to us with  
your name and address, and we will send you by express  
for examination a handsome WATCH and  
CHAIN C. O. D. \$3.75. Double  
hunting case, beautifully engraved, stem wind and  
stem set, fitted with richly jeweled movement and  
guaranteed a correct timekeeper; with long Gold  
plated chain for Ladies or vest chain for Gents.  
If you consider it equal to any \$35.00 GOLD  
FILLED WATCH Warranted 20 YEARS  
pay the express agent \$3.75 and it is yours. Our  
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"Eureka Watch Co." or "Ladies' size." Address  
**H. FARRER & CO., E-4, 22 Quincy St., CHICAGO.**

**Hypnotism**

Personal Magnetism! Call it what you will! It's  
the most wonderful, mysterious and powerful  
force in the world. By this mystic, unseen force  
of nature you can control whom you wish, create  
endless fun and wonder, reform the degraded,  
heal the sick and afflicted,  
make others love and fairly  
worship you, attain your ambi-  
tion, and make money easy.  
Write to-day for my book, "An  
Illustrated Lesson in Hypno-  
tism," and learn to hypnotize. It is FREE.  
Address, **Prof. L. A. Harraden, JACKSON, MISS.**

### Auto-Hypnotism!

I have made a late discovery which enables all to  
induce the hypnotic sleep in themselves instantly,  
awaken at any desired time and thereby cure all  
known diseases and bad habits. ANYONE can in-  
duce this sleep in themselves instantly at first trial,  
control their dreams, read the minds of friends and  
enemies, visit any part of the earth, solve hard ques-  
tions and problems in this sleep and remember all  
when awake. These methods—Mental Vision,  
Psychosis—will be sent to anyone for only \$5.00 by  
express C. O. D., subject to 24 hours TEST, actually  
enabling you to do the above within two hours time  
or no charges. SEND AT ONCE for FREE TEST  
methods. **PROF. R. E. DUTTON, Ph. D.,**  
School of Psychic Science. Lincoln, Neb., U. S. A.



She took him by the hand and led him into the house, her face still illumined.

A glow was on her cheek like the blush of a bride; the thirty years of loneliness were as naught; the children that might have been hers, the happiness and peace she had missed were forgotten. The mother heart in her went out to the broken-down man and was satisfied. He came shuffling down the walk.

"See how well he looks," she said, as she hastened toward him, with a face through which love shone as it must shine on the faces of the angels in Heaven.—*The Independent.*

### October Days.

(Continued from page nineteen.)

the wood side could be seen a nest from which the birds had departed, but some feathered songsters yet make glad the woods. Oh go out, in these golden days of October into the clear air and sunshine. If you cannot go to the forest, ramble anywhere, so that it is in the fresh air. Do not look at the dying leaves and think of life's fallen hopes, and withered joys, but let the mind turn from these dreary autumnal thoughts to the glorious resurrection that will come in the spring. Let us gather a little of the fleeting beauty of the flowers to carry home with us, to sweeten winter's snowy hours. A bunch of lovely golden-rod will last a long time and dry gradually into a beautiful winter bouquet. A patch of soft green moss may be watered during the winter, and fresh surprises will appear when the warmth has fostered the tiny seeds, carried by birds in their flight. Let us treasure these October days, which will so quickly pass, gathering each day's sweetness as it comes.

*Mary Clifford.*

### Genuine Indian Corn.

(Written for Vick's Family Magazine.)

While exploring some of the old Indian mounds in Newington, New Hampshire, some three years ago, Dr. S. F. A. Pickering of Portsmouth, found a kernel of maize in an old earthen vessel which must have been buried for at least two centuries.

That spring he planted the old seed by itself and before the wane of autumn had the satisfaction of beholding a strange stalk of vigorous growth, which, as the season advanced, bore two ears of large sweet corn of a variety not before seen even by the proverbial "oldest inhabitant."

Some of the seed was saved and has prospered beyond all expected measure, and this year has been be a small garden planted with the seed, as the corn is very sweet and luscious. Corn is said to have retained its vitality for over 2,000 years.

*George B. Griffith.*

### Save Money.

See our liberal clubbing offers on page eleven. If you do not see what you want, write us for price on what you desire.

ARLINGTON SEWING MACHINES ARE EASIEST RUNNING BECAUSE BALL-BEARING.

**\$14.75**

Elegant Polished Swell Front

Oak Cabinet with or without Italian Marquetry Decorations.

Latest and most stylish design.



**250,000**

**DISCRIMINATING WOMEN**

Everywhere are using (many of them for seventeen years past) the

**Celebrated Easy Running Ball-Bearing No. 9 Arlington**

The acknowledged triumph of the craftsman's skill and the finisher's art. Made only from the most severely tested material.

Just go to your nearest banker or responsible merchant, deposit with him the purchase price of this machine and send us this Certificate of Deposit—or a copy of same on a separate sheet:

**SEND NO MONEY**

OUR LIBERAL NO RISK CERTIFICATE OF DEPOSIT

This is to Certify

THAT Mr. \_\_\_\_\_ of Town \_\_\_\_\_ State \_\_\_\_\_ has deposited with the undersigned the sum of \$14.75 in payment of No. 9 "Arlington" Machine ordered of the CASH BUYERS' UNION, of Chicago, with the understanding that this money is to be held by me for 30 days, while the purchaser gives the machine a trial at home, and is to be sent to the CASH BUYERS' UNION at the expiration of the 30 days, unless the purchaser is dissatisfied, in which event I am to refund the money to the purchaser on presentation of Bill of Lading, showing the return of the machine.

**30 DAYS FREE TRIAL**

Signature of Banker \_\_\_\_\_ Date \_\_\_\_\_ Town \_\_\_\_\_ State \_\_\_\_\_

The Arlington is a double lock stitch, vibrating-shuttle machine, high grade, highest arm, containing the most modern improvements, equal to the Singer, Domestic, New

We can furnish you almost

**Any Kind or Style**

of a machine at a saving of from

**\$10 to \$45**

popular design. Swell front, made of select oak, finished with a beautiful mirror-like antique golden oak finish and hand-somest marquetry decorations. With every BALL-BEARING ARLINGTON we furnish FREE the handsomest and most complete set of highly polished Nickel Steel Foot Attachments affording endless variety of work. Also furnished plain for \$14.25 machines sold. Testimonials from every state.

Write for our complete illustrated Catalogue, showing every style and sample of work. Address all orders and letters plainly to

The Cash Buyers' Union is a thoroughly reliable concern. Its announcements have appeared in this paper from its very beginning. Thousands of machines have been sold to our readers and we add our guarantee of satisfaction to that of the Cash Buyers' Union.—Editor.

DIRECT FROM FACTORY

Immediately on receipt of this certificate we will ship this regular \$65 strictly high-grade Ball-Bearing 30 Days' Trial as above ARLINGTON Sewing Machine on 30 Days' Trial explained NOTE—If you send cash in full with your order we will refund your money, including the freight charges, if at any time within one year you become dissatisfied with your purchase for any reason.



**THE BALL BEARINGS**

prevent friction and afford absolute ease to the operator. The balls are large size made from fine tool steel and run in an oil tempered steel cup which is adjustable.

**PROMPT SHIPMENTS**

There will not be any delay in filling your order, we have the machines, thousands of them, all tested and crated ready for shipment.

**CASH BUYERS' UNION, Dept. M 40 CHICAGO, ILL.**



**Price \$12.50**

## Cure Yourself

of Rheumatism, Blood Impurities, Kidney and Bladder Troubles, or Skin Diseases.

A High Grade Scientific Battery for Galvanic and Farradic Current, built on new lines adapting it to self treatment.

The strength and quality of the current is entirely at the control of the user at all times. A dial is provided to indicate the amount of Electricity received. All the necessary electrodes and appliances are provided for taking electric baths or applying to any part of the body.

It is built of the best material and finest workmanship all metal parts plated and highly polished, having a quartered oak case of fine polish, making a most attractive device. It will last a lifetime.

Electricity is recommended and used by all reputable Physicians of the day, and it is without doubt the greatest boon to afflicted mankind, a veritable Elixir of life. Never heretofore has there been a device offered the public embodying so many advantages, and so thoroughly adapted to home use or self treatment as our Home Medical Battery. It must be seen to be appreciated.

We will ship Battery anywhere in U. S. by Express prepaid upon receipt of \$2.50 balance \$10 C. O. D. with privilege of examination.

**Detroit Medical Battery Co.,**  
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OUR MINNESOTA, the equal of regular \$50.00 and \$60.00 agents' machines. These and many other high grade machines, beautifully illustrated and fully described, the parts, mechanism and special features in our big, new, free Sewing Machine Catalogue. You must write for it. WE CAN SERVE! SAVE YOU \$10.00 to \$20.00 ON ANY KIND OF A MACHINE. THREE MONTHS' FREE TRIAL on any Sewing Machine ordered. For Free Sewing Machine Catalogue, the most wonderful price offerings ever made, our liberal terms, pay after received offer and THREE MONTHS' FREE TRIAL PLAN, cut this ad out and mail to SEARS, ROEBUCK & CO., CHICAGO, ILL.

A PINT OF INK for 10 cents, postpaid. O. W. BARRINGER, Terrill, Iowa.

C. A. S. MONEY Circulars free. Address P. E. Cheney, Box 27, Mutual, Ohio.

### Nerve-Force.

Ailing men and women and those who know of suffering ones, will be interested in the advertisement of Mr. and Mrs. Corwin, of New York city, published in this issue of our Magazine. For twenty years Mrs. Corwin has worked upon the perfecting and promulgation of this home Remedy, NERVE-FORCE, the nucleus of which originated with her father, a graduate of the University of the City of New York; a Physician, Demonstrator and Author. The Remedy has won for Mr. and Mrs. Corwin many Gold Medals for life saving, and those who accept their kind offer of the free gift of their Publication will be led in thought, away from the beaten track of stomach-drugging to an idea exactly opposite as NERVE-FORCE does its work by re-establishing the Circulation of blood to par by outward application. This Publication is most interesting as reading matter and wonderfully instructive as well.



**\$5.95**

**17 JEWELLED**  
adjusted, patent regulator, stem wind and stem set, genuine **NATIONAL SPECIAL** movement, Ladies or Gents size. **WARRANTED 20 YEARS.** 14K. Gold plate hunting case, elegantly engraved. Fit for a king. No better watch made. Must be seen to be appreciated. Special offer for next 60 days, send your full name and address and we will send this watch C.O.D. with privilege to examine. If found satisfactory pay agent **\$5.95** & express charges. A guarantee and beautiful chain & charm sent free with every watch. Write at once as this may not appear again. **NAT'L MFG. & IMPORTING CO.** 324 Dearborn St., R. 433, Chicago, Ill.

**LEARN PROOFREADING.**  
If you possess a fair education, why not utilize it at a genteel and uncrowded profession paying \$15 to \$35 weekly? Situations always obtainable. We are the original instructors by mail.  
**HOME CORRESPONDENCE SCHOOL, Philadelphia**

**LOOK STUDY THIS AGENTS.**  
This **NEEDLE CASE** Is Elegantly Metal **NEEDLE CASE** Crystallized in gilt and blue, red or amber. 100 Needles, 20 Nos., 4, 5, 6, 7, 8 in Case. Instantly get any size as needed. All pass to or from respective chambers through hole in cap at top. Cap and pointer revolve to No. desired (see cut). At 7 tilt case over, a No. 7 needle appears. Use and return it. Pointer set between Nos. lock them in. Mail for **35c.** Agents Wanted. The Crescent Co., Box 154 G. ILLION, N. Y.

**FAT**  
How to reduce it  
Mr. Hugo Bern, 344 E. 65th St., New York City, writes:  
"It reduced my weight 40 lbs. three years ago, and I have not gained an ounce since." Purely vegetable, and harmless as water. Any one can make it at home at little expense. No starving. No sickness. We will mail a box of it and full particulars in a plain sealed package for 4 cents for postage, etc.  
**Hall Chemical Co., Dept. 213, St. Louis, Mo.**

**\$5.95** **Don't BUY A WATCH**  
before seeing our 17 Jeweled movement, patent regulator, is quick train, stamped 17 Jewels adjusted. Beautifully engraved gold filled model case, the "Imperial," with certificate for 25 years. Sent by Express with privilege of thorough examination, before you pay one cent. Absolutely guaranteed by one of the oldest and most reliable jewelers in America. If found best value ever given, pay Exp. agt. our Special Price, **\$5.95** and exp. charges. Jeweled Elgin or Waltham same price if preferred. **FREE**, rolled gold, 50 in. long chain for ladies, or vest chain for gents, guaranteed 5 yrs. Give both F.O. and exp. office a state plainly whether ladies or gents size. Offer can't be continued long. Write today.  
**ALLEN & CO., Wholesale Jewelers, Dept. 12**  
307 to 321 Dearborn Street, CHICAGO, ILL.

**THE "YANKEE" POCKET SCREW DRIVER**  
is as small, light and useful as a pocket knife. Four detachable cast steel blades carried in the hollow handle and adjusted in a second. Blades fit large and small screws; handle nickel plated. A great tool for farmers, mechanics, cyclists and sportsmen. Sent postpaid 50 cts.  
**F. E. CORNELL, 187 Amity Street, Brooklyn, N. Y.** Send for tool catalog.

**STOP THAT HEADACHE** by using Goldsworthy headache powders by mail 10 cts. Address **Wm. Goldsworthy, Station R. Chicago, Ill.**

**BED-WETTING**  
**AND ALL BLADDER AND URINARY TROUBLES PERMANENTLY CURED.**

**EN-URE-SINE**  
or Dr. May's Specific, cures Bed-wetting and incontinence of urine during the daytime, both in the old and young.  
It is the only known, safe and sure Cure for Bed-wetting, prepared by a graduate in medicine, who is willing to guarantee it to be as represented, and you cannot afford to experiment with preparations that may leave the patient in an incurable condition. Ladies troubled with a frequent desire to urinate and a burning sensation use **EN-URE-SINE** with perfect success. If you are afflicted, or have a child afflicted, with Bed-wetting or incontinence of urine, send your address to **DR. F. E. MAY, Box 277 Bloomington, Ill.** and receive sealed, a free sample of the remedy that will cure after every thing else has failed.

**ECZEMA**  
Instantly relieved, promptly cured by **ZEMACURA**. No matter how obstinate or long standing the case may be. We guarantee absolute cure or no pay. Send name and address for **A SAMPLE JAR POSTPAID**.  
**FREE**  
State nature of case, how long afflicted, etc. **Rochester Ointment Co., Mfg. Chemists, Rochester, N. Y.**

**TALKS ABOUT FLOWERS.**  
(Continued from page four)  
**Seasonable Suggestions.**

By the last of the month the tigridias, gladioli, cannas and dahlias that you planted in May will be sufficiently ripened, and ready to lift for storing away during the winter. Do not neglect the work until it is too late. Dahlias will not stand too much cold, and gladioli will not winter underground at the north. Carefully lift the corms with the spading fork and keep them exposed to the full sunlight for two or three days. Then when the dirt comes off easily, store temporarily in a frost-proof room until thoroughly matured. Before putting them away for good, remove the old stalks and bulbs from the new bulbs—but leave the husky covering on until next spring—and cut back the stalks of the dahlias.

Gladioli may be placed in paper sacks, labeled and hung up in the cellar or any room that is cool and frost proof. A warm, light room will cause them to start into growth along in the winter, which is not desirable. Dahlias and cannas should be placed in boxes of dry, sandy soil, without dividing the clumps of roots, and stored in a frost-proof cellar.

Roses, planted in pots should be got under cover before severe frosts can harm them; such plants will deport themselves better if kept in a cool living room for quite a while before putting them down cellar. It would be a mistake to put them there immediately after bringing them in from the garden. After gloxinias have died down in their pots, place them in the cellar, if frost-proof, leaving them there until March. Tuberous begonias in pots should be treated the same way, but those growing in the open ground should be lifted, after the tops have died down and placed in a box of dry sand. Do not do this until the bulbs are ripe.

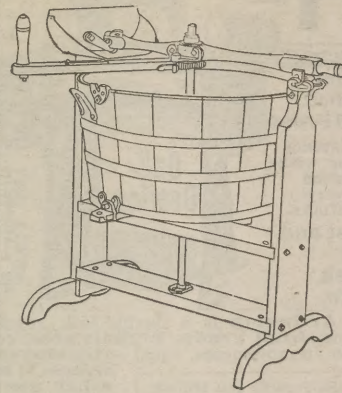
**Antirosa.**

(Continued from page seven.)

five feet or so high. I suppose the expert would turn up his nose at them so high he never could get it down again, but you and I need care nothing for that. If all you who have set (and lost) the Baron de Bummer, or any of the rest of them, would set this, you would see. The Japanese creeping rose or Memorial rose, R. Wichuriana, is hardy and reliable if allowed to creep on the ground at least. The one I trained up a trellis died to the ground last winter. Partly or wholly evergreen, it is a most pretty and graceful little thing but not very showy from any distance. Its "improved" hybrids, however, died the first time trying with me. I was just about to say that any hybrid rose is a good thing to keep away from, but the hybrid sweet briar Lucy Ashton, which amounts to a yellowish sweet briar, is hardy and vigorous as its parent eglantine which now grows wild all over this region.

*E. S. Gilbert, Allegany Co., N. Y.*

**Wiard's Standard Washer**  
**Satisfies Where Others Fail.**



We will send to any address, anywhere, a Standard Ball-Bearing, Double Rotary Motion, Washing Machine on **30 Days Trial, Entirely Free.** Freight paid. No deposit or advance of any kind. No expense to you whatever. The Standard Washer possesses several new and valuable features. The **Double Rotary Motion** gives twice the motion of any other washer. A good solid place for the wringer, which does not have to be removed while the washer is being operated. The tub turns in one direction while the upper disk rotates in the opposite direction at the same time. The Standard Washer has great leverage, which with ball bearings reduces the power required to operate it to the minimum. Will wash a tub full of clothes perfectly clean in a few moments, and an ordinary family wash in an hour. No harsh rubbing, hence little wear on the clothes. Will not tear the finest fabric.

**Ninety-seven percent of all Washers sent out, entirely on approval, are accepted. A Record unsurpassed. \$1,000 Reward to anyone who can prove that this statement or the following testimonials are not genuine.**

WOODSBORO, Md., July 10, 1902.  
Some time ago I bought a Wiard Standard Washing Machine on condition that if it did not give perfect satisfaction, I would not keep it. Well, I still have it, and would not do without the machine if it cost three times the price paid for it. It does away entirely with the "Old Wash Board," and sore hands, from rubbing the clothing, and last, but not least, it allows the washing to be done without being over the steam inhaling filthy, polluted air for half-days at a time.  
Anyone that wants a good reliable Washer, one that works easy and washes clean, then get the Wiard's Standard.  
HONESDALE, Pa., MAY 25, 1902.  
I have tried a number of washers and finally gave my choice to the Standard Washer as the best of all. The Standard washes quicker, cleaner and easier than any of them.  
STUYVESANT FALLS, N. Y., APRIL 26, 1902.  
I like it. Wouldn't take \$30 for it if I could not get another. It works so easy my little children work the machine and do the washing for a family of eight persons in two hours, where it used to take all day.  
BINGHAMTON, N. Y., June 9, 1902.  
I am using one of your machines, it washes complete in every respect. My husband is a stone mason, consequently I have given it a good test. I have no use for a rub board, and can recommend it to any one needing a machine. Any lady can operate it.  
**Easy Monthly Payments or a Substantial Discount for Cash.**  
Send for illustrated circulars.  
**The Wiard Manufacturing Company,**  
20 Main Street, - - - - East Avon, New York.

**A \$6,000 HOME FREE**



This home is situated in the beautiful city of Uniontown, the capital of Fayette County, in Western Pennsylvania. House contains eight rooms, bath room elegantly finished with latest style plumbing, enameled tub, etc. Pure mountain water piped throughout the house. Hot water furnished by instantaneous gas heater. House heated and lighted by natural gas, the cheapest fuel known. Cellar under whole house and is always dry. This elegant home is within ten minutes' walk of a dozen churches, the B. & O. and Pennsylvania R. R. Depots and High School. Three minutes from Primary School. Population of city 12,000. One of the best business towns in Western Pennsylvania.

**My Offer** I will give a deed of the above home, free of all incumbrances, to the person who wins in my great guessing contest.

**The Contest** I am introducing a new Tooth Powder on which I have studied and experimented a long time. I believe it to be the best in the world. It preserves the teeth and keeps them clean and white; keeps the gums healthy and the breath pure. I also have the best prescription for sore mouth, canker sores etc., ever prepared. I will send a full size box of my tooth powder, together with the above prescription for \$1.00 and give every purchaser one guess on the number of grains of wheat in a pint.

The one guessing the nearest will get the house and lot described above. In case of a tie I will give a joint deed to those tying. Three reliable and disinterested business men will buy a pint of wheat in the open market, count the grains and award the prize. This is strictly a business proposition and will be carried out to the letter. I can afford to give liberal prizes to introduce my tooth powder as I will make thousands of dollars on it when once known. Remit by registered letter, or money order.

**DR. J. W. ALLEN**

**Uniontown, Pa.**



## DARKEN YOUR GRAY HAIR



**DUBY'S OZARK HERBS** restore gray, streaked or faded hair to its natural color, beauty and softness. Prevents the hair from falling out, promotes its growth, cures and prevents dandruff, and gives the hair a soft, glossy and healthy appearance. **IT WILL NOT STAIN THE SCALP.** It is not sticky or dirty, contains no sugar of lead, nitrate silver, copperas, or poisons of any kind, but is composed of roots, herbs, barks and flowers. **IT IS NOT A DYE, but a HAIR TONIC** and costs **ONLY 25 CENTS TO MAKE ONE PINT.** It will produce the most luxuriant tresses from dry, coarse and wiry hair, and bring back the color it originally was before it turned gray. There is more health to the hair in a single package of **DUBY'S OZARK HERBS** than in all the hair stains and dyes made. Full size package sent by mail, postpaid, for 25 cents. Address **OZARK HERB COMPANY, St. Louis, Mo.**

## Look Into the Heart of It!

## A Sleep Inducer.

Guaranteed to last a lifetime.



## Absolutely The Best.

Physicians recommend it.

Dust Proof, Vermin Proof, Hygienic, Pneumatic, Noiseless, Self-ventilating. **No wood about it.** No twine to break. Send for circulars and price list. We make mattresses of every description. **Hillyer Mfg. Co., 2136 Central Ave., Cincinnati, O.**



You can obtain one of our handsome Snake Rings absolutely free. We are giving away these rings to simply advertise our business. There is no misrepresentation or humbug about this—so if you wish to secure one of our **SNAKE RINGS**, all we ask is that you reserve it you will show same to your friends. Thousands have received rings from us and are more than delighted with them. This is a grand chance to get a **HANDSOME RING**, without paying one cent for it and you should write at once, stating street and number of your residence, or P. O. Box if you have one. Send and be surprised. Address, **THE SIX GIRL CO., Dept. 180, N. Y. CITY.**

**SUPERFLUOUS HAIR PERMANENTLY DESTROYED** by use of **Folicide**. Price \$1.00. **Mole Destroyer**, \$1.00. **Skin Food**, **Complexion Tablets**, Soap, Brushes, Massage Rollers and all Toilet appliances. Book on Massage for Health and Beauty 25c. Agents Wanted. **Stella Stuart 394 Monroe Street, Brooklyn, New York.**

## IS YOUR HUSBAND, SON OR FATHER A Drunkard

If so, send us your name and address with 4 cents to cover postage, packing, etc., and we will send you a package of our "Secret Cure" in a plain package with full directions free, how to give it secretly in tea, coffee, food, etc. It is odorless and tasteless and will cure this dreadful habit, quietly and permanently without the patient's knowledge or consent. It is a positive and permanent "Secret Cure" for the Drink Habit, and will cost you nothing to try it. Good for both sexes. **MILO DRUG CO., Dept. 92 St. Louis, Mo.**

## MME. BENOIT'S RUSSIAN DEPICATORY PERMANENTLY REMOVES SUPERFLUOUS HAIR

without torturing, blistering, discoloring, or leaving any blotch, signs, or other ill effect on the skin. An effective, instantaneous, harmless remedy. Send for Booklet giving full information. **MME. BENOIT, 42 E. 42d St., New York City.** Kindly mention **Vick's Family Magazine**.

**THE LATEST IMPROVED AND BEST LADIES' SPRINGS** Invented. Dr. Tullar's Hygienic Spiral Spray (the ladies' friend), Injection and suction. Warranted. Prepaid \$2.50. **J. A. KINSMAN & Co., Lock Box 877, Chicago, Ill.**

**STA-IN INK** never washes out. Send ten cents for sample bottle. Stencil plate, ink and brush 25 cents. Agents catalogue free. **Moore Novelty Co., L. B. 227, Caro, Mich.**

A well developed **BUST** makes every woman beautiful and attractive. My method will develop any bust 6 inches or more in 6 weeks. Makes the neck plump and round. Method harmless, safe, hygienic. Confidential particulars for 2c. stamp. **Mme. A. Le Prie, Joy Supply Co., Elgin, Ill.**

## CONWELLS WALKING CHAIR.

is the best chair made for the exercise of babies and children unable to walk. Babies using the chair become strong and healthy, and learn to walk early. The exercise develops and strengthens. Prevents creeping over a carpet breathing the dust and germs of diseases found in the dust and filth. Chair made in sizes for children from 6 months to 5 years of age. Give age of child when writing for booklet, and "special prices" to readers of **Vick's Magazine**. **CLYDE FRITZ, L. B. 237, Uhrichsville, Ohio** Pat. Jan. 11, 1898

**15 CENTS** will bring you, on trial, 13 weeks, the **PATHFINDER** the old reliable national news-review. This paper gives you every week ALL the important news of the world, stated clearly and without bias. It is the only news review that is truly comprehensive; and it is at the same time not padded or bulky. It gives you the wheat without the chaff. It is a time-saver for all busy people. In purpose it is high-toned, healthy and inspiring; it is a protest against sensational journalism. It takes the place of periodicals costing \$2.50 and \$3.00. Try it and you would not be without it for many times its cost—\$1.00 a year. Address. **The PATHFINDER, Washington, D. C.**

## An Intruder.

(Written for Vick's Family Magazine.)

Grief walked beside me all the day,  
Her steps kept pace with mine;  
O'er locked our paths before us lay  
It seemed by Grief's design.

When clouds shut out the star-lit sky  
And night fell wearily;  
Sleep would not come my pillow nigh  
For Grief was there with me.

But when at length came Joy, who kissed,  
And would not let me pass,  
We found that Grief the way had missed  
Deep in the meadow grass.

Cora A. Matson Dolson.

## BOOK NOTICES.

**AMONG THE WATERFOWL.** By Herbert K. Job. The modern way of hunting with the camera instead of the gun, is one much more satisfactory to the public in general, inasmuch as it is done without slaughter and consequent decrease in numbers of the birds, and because more can enjoy the results attained. Mr. Job has for years made a special study of the water fowl, and his descriptions of the birds and their habits make very entertaining reading. The book is profusely illustrated with photographs, many of them taken by the author under what would seem insuperable obstacles, but the results show what ingenuity and skill will do under adverse conditions. The author's suggestion that it would be wise policy to interest our boys in nature study and the camera as applied to it, and thus discourage shooting at living things, is not only worthy of consideration but of action in that direction. As he says: "Real acquaintance with a harmless and beautiful wild creature, makes one less and less disposed to take its life." Doubleday, Page & Co., Publishers, New York. Price \$1.35 net.

**THE BOOK OF THE ROSE.** By Rev. A. Foster-Melliar, M. A.—The cultivation of the rose is attended with so much labor now-a-days, on account of the many insect enemies and diseases to which it is subject, that any information which will enable the amateur to overcome these obstacles is gladly welcomed. The above named book not only gives information on these points, but is full of practical details of culture from beginning to end. It also gives descriptions of the best known roses, their faults and bad habits, as well as their good qualities and perfections.

The book is written in an entertaining style which makes it pleasant reading and is adorned with many good half-tone illustrations. The Macmillan Company, New York, Price \$1.75 net.

**YEARBOOK OF THE UNITED STATES DEPARTMENT OF AGRICULTURE, 1901.** This work, like its predecessors, is full of practical information to all interested in agricultural pursuits and will be a most valuable addition to the library of every farmer.

Among the most interesting topics discussed are: Some Problems of the Rural Common School—Insects as Carriers and Spreaders of Disease—Progress in Plant and Animal Breeding—Little-Known Fruit Varieties Considered Worthy of Wider Dissemination—The Home Fruit Garden—Progress of the Beet Sugar Industry in the United States—Commercial Apple Orchard—Grasses and Forage Plants for the year 1901—Progress in Fruit Growing in 1901—The Principal Injurious and Useful Insects in 1901—Agricultural Seeds, Where Grown and How Handled—Agriculture in the Tropical Islands of the United States.

**POULTRY ARCHITECTURE.** A Practical Guide for Construction of Poultry Houses, Coops and Yards. Compiled by George B. Fiske. This little book of something more than one hundred pages will meet the wants of poultry keepers all over the country, as the aim has been to give designs of sufficient variety to suit conditions everywhere. Location and Methods, low cost houses, buildings for colony system, homes for farm poultry, bank and sod structures, high grade plants, incubators and brooders, special purpose buildings, coops, yards and fences, are the principal topics discussed, and these are illustrated by one hundred designs specially adapted to the needs of poultry keepers. Published by Orange Judd Company, New York, Price 50 cents postpaid.

We wish all our readers could have seen "Vick's Window Garden" collection as it appeared when our photographer took a snap shot of it. The cut on another page does not do justice to the collection, but we are confident that everyone who orders it will be delighted.



## This 44 Pc. TEA SET FREE

To every lady who sells 10 cans of our Baking Powder, etc., (on our Plan No. 58) giving free to each purchaser a beautiful Glass Pitcher and six glasses, we give this 44-pc. handsomely decorated Tea Set, full size for table use, free. No money required in advance. Simply send your name & address & we will send you our plans, order blank, etc. We will allow you time to deliver the Baking Powder, & collect the money before paying us. You run no risk, as we pay the freight, & will trust you with the Baking Powder & Dishes, etc. We also give away 112 Piece Dinner Sets, Dress Skirts, Couches, Rocking Chairs, Furniture, etc., for selling our goods. Address **King Mfg. Co., 638 King Bldg., St. Louis, Mo.**

SISTER: READ MY FREE OFFER  
Wise Words to Sufferers

## From a Woman of Notre Dame, Ind.

I will mail, **free of charge** this Home treatment with full instructions, and the history of my own case to any lady suffering from female trouble. You can **cure yourself at home without the aid of any physician.** It will cost you nothing to give the treatment a trial, and if you decide to continue it will only cost you about **twelve cents a week.** It will not interfere with your work or occupation. **I have nothing to sell.** Tell other sufferers of it—that is all I ask. It cures all, young or old. If you feel a bearing-down sensation, sense of impending evil, pain in the back or bowels, creeping feeling up the spine, a desire to cry frequently, hot flashes, weariness, frequent desire to urinate, or if you have Leucorrhoea (Whites), displacement or Falling of the Womb, Profuse, Scanty or Painful Periods, Tumors or Growths, address **MRS. M. SUMMERS, NOTRE DAME, IND., U. S. A., for the FREE TREATMENT and FULL INFORMATION.**

Thousands besides myself have cured themselves with it. I send it in plain wrappers. **TO MOTHERS OR DAUGHTERS** I will explain a simple Home Treatment which speedily and effectually cures *Leucorrhoea, Green Sickness and Painful or Irregular Menstruation* in young ladies. It will save you anxiety and expense and save your daughter the humiliation of explaining her troubles to others. Plumpness and health always result from its use.

**Wherever you live** I can refer you to well known ladies of your own state or county who know and will gladly tell any sufferer that this Home Treatment really cures all diseased conditions of our delicate female organism, thoroughly **strengthens relaxed muscles and ligaments** which cause displacement, and **makes women well.** Write to-day, as this offer will not be made again.

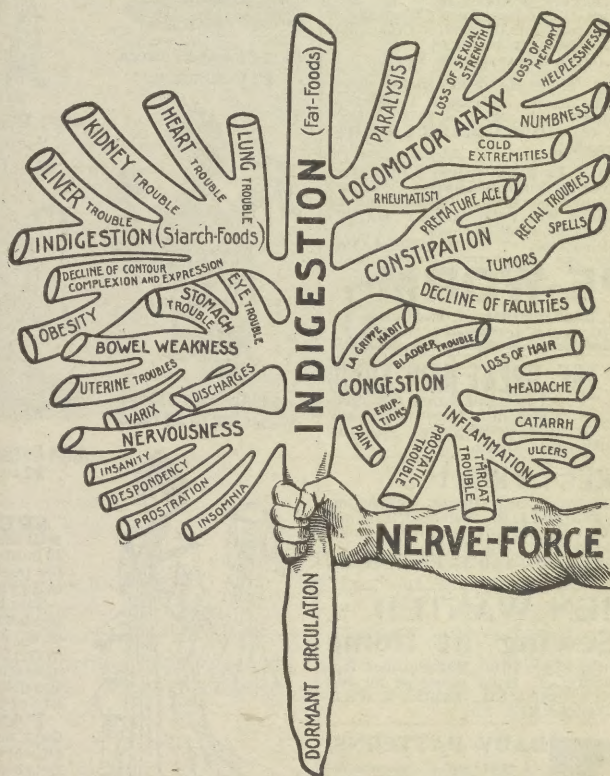
Address **MRS. M. SUMMERS, Box 379 Notre Dame, Ind., U. S. A.**

## NERVE-FORCE

Is a Home Remedy; a noble UNGUENT for external application. It is founded upon the principle that Suffering, Premature Decline and Premature Death are the direct, and indirect, results of

## DORMANT CIRCULATION;

that rescue can only be assured by its re-establishment by directly charging the controlling battery-cells with an element imitating the nerve force prepared for that purpose by Nature. This imitative element is our faithful **NERVE-FORCE**, and it will positively re-establish the most sluggish **CIRCULATION** to normal. It has won for us many Gold Medals for Life-saving in the past twenty years. We do not, however, advertise it—but our **NERVE-FORCE** Journal, which explains its every detail. We send this Publication free, in plain envelope, to as many addresses as you may send us. We describe this foe to mankind as the root of



## A NOXIOUS WEED,

and we appeal especially to the "chronically ill" who are wearied and discouraged with "stomach-drugging" as a means of warfare against Disease; to sufferers threatened with cruel "operations;" to men and women who, in spite of heroic efforts for cure, feel themselves steadily declining; to men and women who are victims of sedentary employment or excessive "brain exhaustion," and to those who have been cast aside as "incurable."

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**IF YOU** want beautiful hair send 10 cts. for formula. **G. F. Wolfe, Bellaire, O.**

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Corsets and ladies' specialties, every description, 2c. for ill. 32p. cat. Ladies Spec. Co. 130 W. Congress, Chicago.

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**MAIL-ORDER-JOURNAL, Des Moines, Iowa.** Adv. Rates 25c. line. Special offer: We'll run your 42 word trial ad three times for 25c. cash.

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**FREE** course, with illustrated chart, in Facial Massage for 4 cents in stamps, Kais'r's Hair Bazaar, 112 Wisconsin St., Milwaukee, Wis.

**PLAYS** Dialogs, Speakers, Operettas, Drills, Beautiful School Cards, Big Catalog Free. Logan, Dailey & Co., 561 Wabash Ave., Chicago.

We want a correspondent at every P. O., in the U. S. Good wages writing one hour each day, particulars for stamp. **CUTIFORM MFG. CO., Dept. A., Bellaire, Ohio.**

**OUR PATENT** Safety Razor Guard prevents cutting the face. Fits any razor. Price 40c. Inland Novelty Co., Newton, Iowa.

**Agents Wanted.** "Never Slip" Skirt Supporter. 300 per cent profit. Sells for 15c. Sample 6c. Circular free. J. H. Blanch & Co., Sharpe, Kansas.

**\$22 A WEEK** and all expenses for men with rigs to introduce poultry compound. Straight salary. **IMPERIAL MFG. CO., Dept. 50, PARSONS, KANS.**

**SHEET MUSIC** Very latest, most desirable, vocal and instrumental, only 4 cents per copy, to introduce. **Mon Art Music Co., Gallipolis, Ohio.**

"Landsfeld Did It" Made my face white as milk and as soft as silk. Price \$1, express prepaid. Address **Union Chemical Works, Minneapolis, Minn.**

**AGENTS WANTED** for Cooks New Knife and Shear Sharpeners. "Sells like hot cakes." Write for terms and prices. **The Cook Mfg. Co., Albion, Mich.**

**OLD EYES MADE NEW.** A Self Cure by pneumatic oscillation, for far-sight, atrophy, cataract. Circular free. **Dr. Foote, Box 788, New York.**

**AGENTS WANTED** to sell toilet articles, White Rose Face Cream, Princess Hair Grower, Geranium Complexion Cream and Tooth Bleach. Agents write for prices. **R. Flagler Co., Brockport, New York.**

**NOT A CLOCK.** Men's Handsome nickel watch 18 size. Accurate Time-keeper one year or money back. Sold at \$2.50 to \$7.00 Prepaid \$1.32 M. O. **MONTGOMERY BROS. Alliance, Nebraska.**

for any case of Itching Piles, Ulcerated Piles, Barbers' Itch, old sores, or Eczema, that cannot be cured with one box of **DR. ZIGG'S SILVER LEAF OINTMENT.** Sent by mail 50 cents. **Dr. Zigg Medical Co., Bradford, Pa.**

**TAPE-WORM** Expelled Alive, Head Guaranteed. Booklet free. **BYRON FIELD & CO., Dept. D, X, 182 State St., Chicago.**

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**FREE! FREE!**

For distributing six cards, our Gloves, Skirts, Corsets, etc. Worth \$1.50 and \$2.00. Selected from our Catalogue. Send for Catalogue and cards at once and select article wanted. Be first in your town. **D. EDGAR MFG. CO., 449 E. Fifth Street, Cincinnati, Ohio.**

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**BABY PATTERNS.** I will send 85 patterns for longwardrobe, or 15 for short clothes, with complete directions for making, for 25 cents, postpaid, per set. Also "Hints for Prospective Mothers" free with order.

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## UP TO DATE PATTERNS.

ALMOST GIVEN AWAY.



4224 Blouse Waist, 32 to 40 bust.



4239 Blouse Waist, 32 to 40 bust.



4228 Woman's Blouse 32 to 40 bust.



4217 Woman's Blouse, 32 to 40 bust.



4235 Misses Norfolk Coat, 12 to 16 yrs.



4210 Slot Seam Blouse, 32 to 40 bust.



4226 Norfolk Coat, 32 to 40 bust.



4220 Misses Blouse Jacket, 12 to 16 years.



4236 Child's Box Plaited Dress, 2 4 and 6 years.



4234 Girls Costume, 6 to 12 years.



4231 Boys Blouse Kilt Suit, 2 and 4 yrs.



4222 Child's Box Plaited Apron, 2, 4 and 6 yrs.



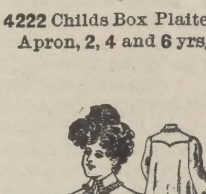
4238 Closed Drawers, 22 to 30 waist.



4229 Misses Shirred Yoke Waist, 12 to 16 years.



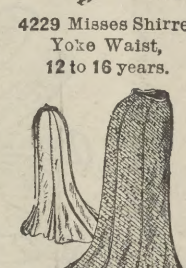
4227 Boy's Blouse Suit, 4 to 12 years.



4233 Woman's Night Gown, 32 to 46 bust.



4237 Draped Blouse Waist, 32 to 38 bust.



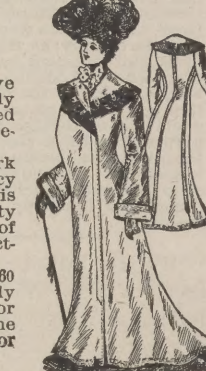
4221 Seven Gored Skirt, 22 to 30 waist.



4223 Seven Gored Flare Skirt, 22 to 30 Waist.



4230 House Gown, 32 to 42 bust.



4219 Long Coat 32 to 40 bust.

**SPECIAL OFFER:**—For a short time we will mail these patterns to any address for only 10 cents each, if 2 cents additional is enclosed for postage on each pattern. Their regular retail prices range from 25 to 40 cents. The Patterns are all of the latest New York modes and are unequalled for style, accuracy of fit, simplicity and economy. With each is given full descriptions and directions—quantity of material required, the number and names of the different pieces in the pattern, with a picture of the garment to go by.

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**LADIES!** Our Remedy Never Fails. Trial Pkg. Free Mrs. A. Price Co., Dep 37 Philadelphia, Pa

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**100** Fine White Envelopes Neatly printed with your return card, postpaid for only 35c. 50 for 20c. **W. V. Howie, Printer, Beebe Plain, Vt.**

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Ladies copy letters at home. \$4 to \$6 per week. Send stamped envelope for application. **Monarch Novelty Co., 60 Wabash Ave., Chicago.**

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**Ladies** Our Imperial Darning Machine mends anything, from Silk to Wool. Will put new heel or toe in stocking in 5 minutes. 50c. prepaid. **Crean City Spec. Co., Dept. A 806 Grove St., Milwaukee, Wis.**

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**CURE YOUR CORNS** You can do it with **Cornase** quicker and easier than any other way. Many others have done it why not you. **Cornase** kills corns so they stay dead. Sent postpaid for 25c. **Agents Wanted. MILLER & CO., ALLENTOWN - PENNSYLVANIA**

**A Theatre for 10c.** To introduce our novelties we will send prepaid. Our Midway Theatre which shows original life-like movements that please young and old, with circulars, showing how to make money, for only 10c. A snap! Send today. Address, **Santone Mfg. & Supply Co., Box A 972, San Antonio, Tex.**